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UNITED STATES DEPARTMENT OF AGRICULTURE

MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES

JANUARY 1945

READ CAREFULLY. Any five of the nontechnical publications listed, unless marked for sale only, may be obtained free as long as the supply lasts. Free distribution of technical material and periodicals is restricted.

Publications will reach you sooner if you use the label attached to bottom of this list for ordering. List publications wanted in numerical order and write your name and address plainly. Detach label and return in stamped envelope to: Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

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CIRCULARS

Poultry-breeding-stock selection for desired characters. Albert B. Godfrey, Bureau of Animal Industry. 8 p., illus. (Circular 715C.) Price 5¢.

Double superphosphate. A. L. Mehring, Bureau of Plant Industry, Soils, and Agricultural Engineering. 24 p., illus. (Circular 718C.) Price 10¢.

FARMERS' BULLETINS

Hemorrhagic septicemia, "Shipping fever" of cattle. Clarence D. Stein, Bureau of Animal Industry. [9] p. illus. (Farmers' Bulletin 1018F., rev.) Price 5¢.

Dresses and aprons for work in the home. Clarice L. Scott and Elizabeth Bruzgulis, Bureau of Human Nutrition and Home Economics. [16] p., illus. (Farmers' Bulletin 1963F.) Price 5¢.

Fitting dresses. Edna E. Sommerfeld, Bureau of Human Nutrition and Home Economics. [30] p., illus. Supersedes Farmers' Bulletin 1530. (Farmers' Bulletin 1964F.) Price 10¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Service and regulatory announcements. Bureau of Animal Industry. November 1944. Pp. 61-66. (S. R. A.-B. A. I. 451.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.¹

Service and regulatory announcements. Bureau of Entomology and Plant Quarantine. July-September 1944. Pp. 57-74. (S. R. A.-B. E. P. Q. 160.)²

Regulations for cotton warehouses. Office of Distribution. Reprinted, with amendments, October 1944. 22 p. (S. R. A.-O. D. 126, Revised).²

SOIL SURVEYS

Alabama, Macon County. (No. 11, Series 1937.) 92 p., illus. Price 50¢.

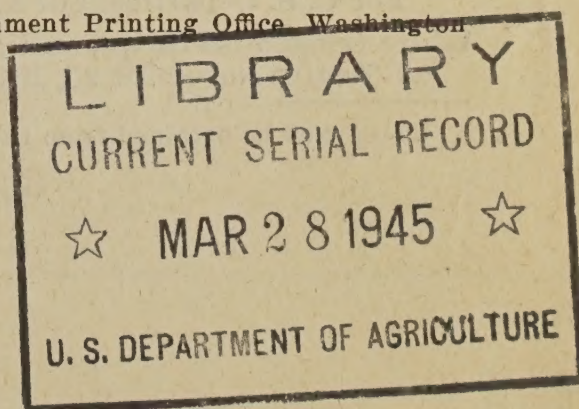
TECHNICAL BULLETINS

Neps in cotton yarns as related to variety, location, and season of growth. Norma L. Pearson, Bureau of Plant Industry, Soils, and Agricultural Engineering. 18 p., illus. (Technical Bulletin 878T.) Price 5¢.

Compiled by Eleanor W. Clay, Office of Information.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

² These may be obtained from the issuing bureau.



- The mushroom mite (*Tyrophagus lintneri* (Osborn)) as a pest of cultivated mushrooms.** A. C. Davis, Bureau of Entomology and Plant Quarantine. 26 p., illus. (Technical Bulletin 879T.) Price 10¢.
- Mineral oils, alone or combined with insecticides, for control of earworms in sweet corn.** G. W. Barber, Bureau of Entomology and Plant Quarantine. 83 p., illus. (Technical Bulletin 880T.) Price 15¢.
- A study of the effectiveness of sulfonamide preparations in the elimination of bovine mastitis.** W. W. Swett, R. R. Graves, C. A. Matthews, J. Frank Cone, and P. C. Underwood, Bureau of Animal Industry. 20 p. (Technical Bulletin 884T.) Price 10¢.

OTHER PUBLICATIONS

- Cotton quality statistics, United States, 1943-44.** Office of Distribution. 62 p., illus. (CS-10).
- Handbook of official hay and straw standards.** Office of Distribution. Revised effective September 1, 1944. 53 p. Price 15¢.²
- Regulations governing the inspection and quarantine of livestock and other animals offered for importation (except from Mexico).** Bureau of Animal Industry. Effective on and after February 1, 1945. 8 p. (B. A. I. Order 379).
- Report of the Administrator of the Rural Electrification Administration, 1944.** Henry Slattery. 20 p. Price 10¢.
- Report of the Chief of the Agricultural Adjustment Agency, 1944.** N. E. Dodd. 45 p. Price 10¢.
- Report of the Chief of the Bureau of Animal Industry, Agricultural Research Administration, 1944.** A. W. Miller. 48 p. Price 10¢.
- Report of the Chief of the Bureau of Agricultural Economics, fiscal years 1943-44.** Howard R. Tolley. 32 p. Price 10¢.
- Report of the Chief of the Bureau of Agricultural and Industrial Chemistry, Agricultural Research Administration, 1944.** Orville E. May. 39 p. Price 10¢.
- Report of the Chief of the Bureau of Dairy Industry, Agricultural Research Administration, 1944.** O. E. Reed. 22 p. Price 10¢.
- Report of the Chief of the Bureau of Entomology and Plant Quarantine, Agricultural Research Administration, 1944.** P. N. Annand. 56 p. Price 10¢.
- Report of the Chief of the Forest Service, 1944.** Lyle F. Watts. 32 p. Price 10¢.
- Report of the Chief of the Bureau of Human Nutrition and Home Economics, Agricultural Research Administration, 1944.** Hazel K. Stiebeling. 12 p. Price 5¢.
- Report of the Chief of the Bureau of Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration, 1944.** Robert M. Salter. 32 p. Price 10¢.
- Report of Cooperative Extension Work in Agriculture and Home Economics, 1944.** M. L. Wilson. 24 p. Price 10¢.
- Report of the Director of the Office of Distribution, War Food Administration, 1944.** Lee Marshall. 118 p. Price 20¢.
- Stumpage and log prices for the calendar year 1943.** Henry B. Steer, Forest Service. 138 p. (Statistical Bulletin 80SB.) Price 20¢.
- Subpart—Pink bollworm of cotton.** Bureau of Entomology and Plant Quarantine. Revision of quarantine and regulations, effective November 11, 1944. 3 p. (B. E. P. Q.-Q. 8.)²
- What's your score?** Office of Personnel. 16 p., illus. (Adm. Series No. 3.) For U. S. Department of Agriculture employees only.
- White-fringed beetle quarantine.** Bureau of Entomology and Plant Quarantine. Effective November 25, 1944. (Quarantine No. 72).²

² These may be obtained from the issuing bureau.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

The agricultural situation. Vol. 29, No. 1, January 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 3, No. 11, November 1944. Price 10¢ a copy; \$1.00 a year.¹

Agriculture in the Americas. Vol. V, No. 1, January 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹

Bibliography of agriculture. Vol. 6, No. 1, January 1945. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.¹

Consumers' guide. Vol. XI, No. 1, January 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Experiment station record. Vol. 92, No. 1, January 1945. Price \$1.25 per volume (2 volumes a year) consisting of 6 monthly numbers and index, \$2.50 a year, domestic; \$2.00 per volume; \$4.00 a year, foreign. Single numbers 20¢ a copy.¹

Extension service review. Vol. 16, No. 1, January 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Foreign agriculture. Vol. 9, No. 1, January 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.75 a year, foreign. Each issue, 10¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.¹ Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., at varying prices depending on their size. The Office of Information has none for general distribution.

Vol. 70, No. 1. January 1, 1945. Illus. Contents:

Estimation of clean-fleece weight from grease-fleece weight and staple length (Key No. A-220). Clair E. Terrill, Elroy M. Pohle, L. Otis Emik, and Lanoy N. Hazel.

Red stele root disease of the strawberry caused by *Phytophthora fragariae* (Key No. G-1317). Henry F. Bain and J. B. Demaree.

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Farmers' Bulletins	Circulars	All others

Vol. 70, No. 2. January 15, 1945. Illus. Contents:

The inheritance of certain mutant characters in *Venturia inaequalis* (Key No. Wis.-149). J. R. Shay and G. W. Keitt.
Inheritance of reaction to smut, stem rust, and crown rust in four oat crosses (Key No. Kans.-99). George W. Cochran, C. O. Johnston, E. G. Heyne, and E. D. Hansing.

For the present the policy has been adopted of issuing separates in advance of the Journal numbers in which they will appear. The following separates are accordingly available by purchase now.

Composition and digestible nutrient content of napier grass leaves (Key No. Fla.-23). Pp. 89-93, from Vol. 70, No. 3. R. W. Kidder.

Effects of two mustard oils on *Plasmodiophora brassicae* and their relation to resistance to clubroot (Key No. Wis.-148). Pp. 63-78, illus., from Vol. 70, No. 3. W. J. Hooker, J. C. Walker, and Karl Paul Link.

The inheritance of certain mutant characters in *Venturia inaequalis* (Key No. Wis.-149). Pp. 31-41, illus., from Vol. 70, No. 2. J. R. Shay and G. W. Keitt.

Resistance of tobacco to blue mold (*Peronospora tabacina*) (Key No. G-1320). Pp. 79-87, illus., from Vol. 70, No. 3. E. E. Clayton.

News for farmer cooperatives. Vol. 11, No. 10, January 1945. Price 10¢ a copy, \$1.00 a year.¹

Rural electrification news. Vol. 10, No. 5, January 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Soil conservation. Vol. X, No. 7, January 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16- and 35-millimeter widths. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 67 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

Ten Years of Co-op Credit. 2 reel. 16 mm. and 35 mm., sound; black and white. A farmer-member of a Production Credit Association explains to his son in the Army how these farmer cooperative credit organizations, built up in peacetime, are helping farmers do their job of supplying essential products in wartime.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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OFFICE OF INFORMATION

WASHINGTON 25, D. C.

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United States Department of Agriculture

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AGRICULTURAL INFORMATION SERIES

Guide for cutting loblolly pine of the Eastern Shore. Forest Service. 8 p., illus. (AIS-2.)

This pamphlet is a condensed guide for cutting loblolly pine in the region mentioned.

Guide for cutting Allegheny northern hardwoods. Forest Service. 9 p., illus. (AIS 3.)

This pamphlet is a condensed guide for cutting hardwoods in the region mentioned.

Guide for cutting New England northern hardwoods. Forest Service. 8 p., illus. (AIS 4.)

This pamphlet is a condensed guide for cutting hardwoods in the region mentioned.

Guide for cutting oak forests. Forest Service. 9 p., illus. (AIS 5.)

This pamphlet is a condensed guide for cutting oaks in the Northeast.

Guide for cutting red spruce. Forest Service. 9 p., illus. (AIS 6.)

This pamphlet is a condensed guide for cutting red spruce in the Northeast.

Guide for cutting Eastern white pine. Forest Service. 8 p., illus. (AIS 7.)

This pamphlet is a condensed guide for cutting white pine in the Northeast.

AGRICULTURAL WAR INFORMATION SERIES

Cattle grub control. Extension Service and Bureau of Entomology and Plant Quarantine. Illus. Supersedes AWI-72. (AWI-109.)

This folder points out that by controlling the cattle grub you will have more meat, leather, and milk by using no more feed.

CIRCULARS

Chemical impregnation of trees and poles for wood preservation. B. H. Wilford, Bureau of Entomology and Plant Quarantine. 30 p., illus. (Circular 717C.) Price 10¢.

This circular is intended to furnish the information that will be needed by anyone wishing to improve the durability of wood that is to be used in contact with the ground.

MISCELLANEOUS PUBLICATIONS

Directory of U. S. register of merit sires and dams qualifying under the National Poultry Improvement Plan, 1942-43. Bureau of Animal Industry. 54 p. (Miscellaneous Publication 557M.) Price 10¢. Free distribution is restricted.

This directory is published to give official recognition to the sires and dams that, during the 1942-43 trap-nest record year, met the progeny-test requirements of U. S. Register of Merit—the highest breeding stage of the National Poultry Improvement Plan.

Compiled by Eleanor W. Clay, Office of Information.

SERVICE AND REGULATORY ANNOUNCEMENTS

Service and Regulatory Announcements. Bureau of Animal Industry. December 1944. Pp. 67-70. (S. R. A.-B. A. I. 452.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.¹

TECHNICAL BULLETINS

South American leaf blight of hevea rubbertrees. M. H. Langford, Bureau of Plant Industry, Soils, and Agricultural Engineering. 31 p., illus. (Technical Bulletin 882T.) Price 10¢.

The present bulletin reports the result of a 4-year study of the influence of environmental factors on leaf blight severity and gives the results of a series of resistance tests on hevea plant material assembled from many parts of the world.

OTHER PUBLICATIONS

Annual report on tobacco statistics, 1944. Office of Distribution. 95 p., illus. (CS 12.)

This is the ninth in a series of annual reports on tobacco statistics.

Application of the Federal income tax statutes to farmers' cooperatives. George J. Waas and Daniel G. White, Farm Credit Administration. 191 p. (Bulletin No. 53.)²

This report analyzes the income tax statutes and their interpretations from the standpoint of the more common problems encountered by associations of farm producers engaged in cooperative marketing, purchasing, and related service functions. It is intended for reference use by cooperative officers and managers, and by their professional advisers, chiefly attorneys and public accountants.

Black stem rust quarantine. Bureau of Entomology and Plant Quarantine. Revision of quarantine and regulations, effective December 26, 1944. 4 p. (Quarantine No. 38.)³

Commodity futures statistics, July 1943-June 1944. Office of Distribution. 31 p. (CS 11.)

Commodity Futures Statistics is published annually. This edition covers the fiscal year 1944 and presents the more important data on futures trading in commodities covered by the Commodity Exchange Act. The statistics are compiled from reports required of exchange clearing members and large traders by regulations promulgated under the act, and from official price records of contract markets.

Food consumption levels in the United States, Canada, and the United Kingdom. War Food Administration. 34 p., illus. Price 10¢.

This is the second report to the Combined Food Board on food consumption levels in the United States, Canada, and the United Kingdom. It reviews the changes which have occurred between 1943 and 1944 and compares the civilian supplies in these years with the supplies available to civilians before the war.

National forest areas. Lyle F. Watts, Forest Service. 15 p., illus. For sale only.

Physical land conditions in Clarke County, Georgia. Jackson Bennett, Soil Conservation Service. 39 p., illus. (PLS-35.) Price 25¢.

This bulletin reports the results of the soil conservation survey of Clarke County. The different land-capability classes are described and the recommendations for these classes are set forth.

Preparing your wool for sale. Office of Marketing Services. 2 pp.

The important points of good wool preparations are given in eleven paragraphs.

Report of the Chief of the Soil Conservation Service, 1944. H. H. Bennett. 48 p. Price 10¢.

Report on the Agricultural Experiment Station, 1944. J. T. Jardine, G. Adams, F. Andre, H. P. Barss, E. C. Elting, F. D. Fromme, F. G. Harden, H. C. Knoblauch, F. V. Rand, Sybil L. Smith, H. M. Steece, R. W. Trullinger, J. W. Wellington, and B. Youngblood. 130 p. Price 20¢.

Why agricultural price supports? Agricultural Adjustment Agency. [2] p., illus. (G-117.)

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

² Copies may be obtained from the Director of Information and Extension, Farm Credit Administration, Kansas City, Mo.

³ Copies may be obtained from the issuing bureau.

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Bibliography of agriculture. Vol. 6, No. 2, February 1945. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.¹

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— Vol. 70, No. 3. February 1, 1945. Illus. Contents:

Effects of two mustard oils on *plasmiodiophora brassicae* and their relation to resistance to clubroot (Key No. Wis.-148). W. J. Hooker, J. C. Walker, and Karl Paul Link.

Resistance of tobacco to blue mold (*Peronospora tabacina*) (Key No. G-1320). E. E. Clayton.

Composition and digestible nutrient content of napier grass leaves (Key No. Fla.-23). R. W. Kidder.

— Vol. 70, No. 4. February 15, 1945. Illus. Contents:

Strawberry breeding studies involving crosses between the cultivated varieties (*x Fragaria ananassa*) and the native Rocky Mountain strawberry (*F. ovalis*) (Key No. G-1319). LeRoy Powers.

Alfalfa seed production as affected by organic reserves, air temperature, humidity, and soil moisture (Key No. G-1324). C. O. Grandfield.

Relation of macrofungi and micro-organisms of soils to damping-off of broadleaf seedlings (Key No. G-1321). Ernest Wright.

News for farmer cooperatives. Vol. 11, No. 11, February 1945. Price 10¢ a copy, \$1.00 a year.¹

Rural electrification news. Vol. 10, No. 6. February 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Soil conservation. Vol. X, No. 8, February 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

See footnote on p. 2.

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Grow Your Own. 2 reels. 16 mm., and 35 mm., sound; black and white. This picture sets forth in light vein the essentials of good gardening. Information is given on the preparation of the soil, how to lay out a garden, planting, transplanting, cultivating, weed and pest control, and watering.

1945 VICTORY GARDEN PROGRAM

The wartime Victory Garden Program for 1945 calls for as many gardens as in 1944. Farm goals call for continued full production in the year ahead and the security of our food supply likewise depends on the sustained efforts of Victory gardeners. There must be no letdown on the home front until the war is won.

Entirely apart from the war needs for food many of our people will want to continue gardening. Those who have good locations and who have learned the art of gardening can grow their own vegetables in many cases cheaper than they can buy them. They have also discovered that vegetables taste better fresh from their own gardens, and because of this their families are eating more vegetables and enjoying a more healthful diet than they would otherwise. These people have also discovered that gardening is one of the most satisfying forms of recreation.

Victory Garden headquarters at the U. S. Department of Agriculture is depending this year on a continuation of the good working relations between the less experienced gardeners and the "old timer" who as leaders and advisors have been so effective in making Victory Gardening really productive of the quantities of good food that are needed in wartime.

Victory gardeners need not worry about supplies this season, but there may be some bottlenecks in deliveries, so it will be wise to order seed, fertilizers, and insecticides early and have them delivered early to be sure of having them on hand in good time.

Weather was good last year in most areas where vegetable seeds are grown commercially, and there were bumper crops. The fertilizer situation generally is not quite so good as in 1944, but Victory gardeners should not have difficulty in buying what they need. Insecticide supplies will be about the same as last year. Generally the outlook is good.

Gardeners can obtain local advice and assistance from their Victory Garden leaders and county agents. State information is available from the State Agricultural College and Extension Service.

U. S. DEPARTMENT OF AGRICULTURE OFFICE OF INFORMATION

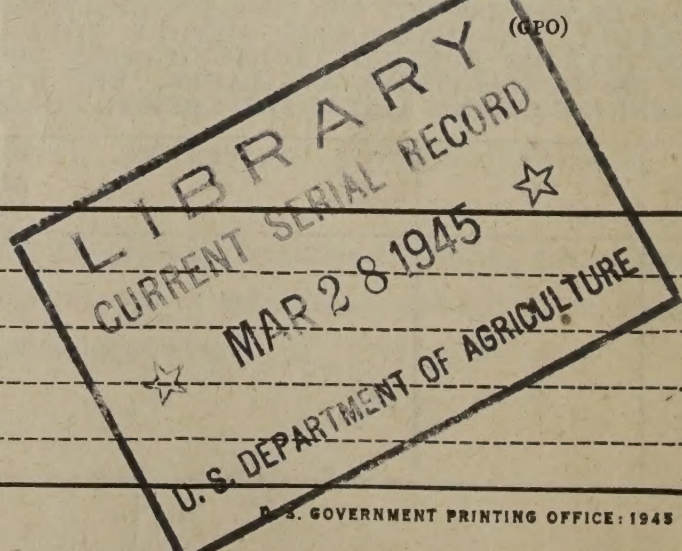
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BULLETIN OF THE MONTH

"Planning the Farm for Profit and Stability." Farmers' Bulletin 1965

This bulletin makes use of the farm-budgeting process and reflects some of the thinking on farm planning that has developed in recent years. It will doubtless be of interest to many of the young men now in military service who look forward to agricultural pursuits when they return to civilian life.

AGRICULTURAL INFORMATION SERIES

Roe McDanolds has a farm. Agricultural Adjustment Agency. 20 p., illus. (AIS-9.)

This is a story of a dairy farmer in New Hampshire who is doing an outstanding job of milk production.

\$5 an acre—to help you increase flaxseed production and help win the war. Agricultural Adjustment Agency. Folder. (AIS-12.)

This folder gives the reason why a larger flaxseed acreage is necessary.

FARMERS' BULLETINS

Planning the farm for profit and stability. Neil W. Johnson, Bureau of Agricultural Economics. 30 p., illus. (Farmers' Bulletin 1965F.) Price 10¢. See above.

CIRCULARS

The farm real estate situation, 1943-44. M. M. Regan, A. R. Johnson, and Fred A. Clarenbach. Bureau of Agricultural Economics. 45 p., illus. (Circular 721C.) Price 10¢.

This circular gives the farm real estate situation for the 12-month period ending about March 1 for farm land, together with buildings and other permanent improvements.

Functional requirements in designing dairy barns. T. A. H. Miller, George L. Edick, Wallace Ashby, Bureau of Plant Industry, Soils and Agricultural Engineering, and James R. Dawson, Thompson E. Woodward, Bureau of Dairy Industry. 24 p., illus. (Circular 722C.) Price 10¢.

To aid in the design of more satisfactory farm buildings the Department with the cooperation of the State agricultural experiment stations, is preparing descriptions of the functional requirements of buildings for farm animals. This circular on dairy barns is the second of the series.

Control of cranberry fruit rots by spraying. R. B. Wilcox, H. F. Bergman, Bureau of Plant Industry, Soils, and Agricultural Engineering. 6 p., illus. (Circular 723C.) Price 5¢.

This circular summarizes the preliminary results of experiments that the new fungicide ferric dimethyl dithiocarbamate, called Fermate, appears to be much more effective than bordeaux on seriously infected bogs.

*Compiled by Eleanor W. Clay, Office of Information.

MISCELLANEOUS PUBLICATIONS

Wartime changes in the financial structure of agriculture. Alvin S. Tostlebe, Donald C. Horton, Roy J. Burroughs, Harald C. Larsen, Lawrence A. Jones, and Albert R. Johnson under the direction of Norman J. Wall, Bureau of Agricultural Economics. 32 p., illus. (Miscellaneous Publication 558M.) Price 10¢.

The report on which this statement is based was an attempt to measure the impact of World War II on the financial structure of agriculture in the United States.

SERVICE AND REGULATORY MATERIAL

Service and regulatory announcements. Bureau of Animal Industry. January 1945. Pp. 1-6. (S. R. A.-B. A. I. 453.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.¹

Modification of rules and regulations governing the importation of cotton and cotton wrappings into the United States. Bureau of Entomology and Plant Quarantine. Revision of regulation 6, effective February 2, 1945. 2 p. (B. E. P. Q.-Cotton Reg. 6, Admt. 5.)²

SOIL SURVEYS

Montana, The Big Horn Valley Area. (No. 6, Series 1938.) 42 p., illus. Price 45¢.

TECHNICAL BULLETINS

Yields of barley varieties in the United States and Canada, 1937-41. G. A. Wiebe, P. R. Cowan, and L. Reinbach-Welch, Bureau of Plant Industry, Soils, and Agricultural Engineering and Dominion Department of Agriculture, Canada. 83 p., illus. (Technical Bulletin 881T.) Price 15¢.

Continuing the periodic reports of the Department of Agriculture on the yields of barley varieties in the United States and Canada, which were begun in 1925, this bulletin makes available to barley breeders of both countries essential data obtained on the testing fields during the years 1937-41.

Growth studies on guayule (*Parthenium argentatum*). Ernst Artschwager, Bureau of Plant Industry, Soils, and Agricultural Engineering. 19 p., illus. (Technical Bulletin 885T.) Price 10¢.

The data presented in this paper give a detailed account of the developmental history of the secondary tissues and rubber storage, the relative development of bark and wood under different irrigation practices, and retrogressive changes in the phloem of the guayule plant.

Quality characteristics of wheat varieties grown in the western United States. C. C. Fifield, C. E. Bode, H. C. Fellows, Ray Weaver, J. F. Hayes, Alfred Christie, B. E. Rothgeb, and Elwood Hoffecker. Bureau of Plant Industry, Soils, and Agricultural Engineering and Office of Distribution. 35 p., illus. (Technical Bulletin 887T.) Price 10¢.

This, the first comprehensive study on the quality characteristics of wheat varieties grown in the western region, will assist millers, bakers, and the grain trade in properly utilizing the wheat produced in the area and will guide agronomists in recommending varieties to be grown under the different environmental conditions.

OTHER PUBLICATIONS

Agricultural statistics, 1944. Prepared under the direction of the Yearbook Statistical Committee: Joseph A. Becker, Paul Froehlich, Gordon P. Boals, Kelsey B. Gardner, James M. Hunt, Gerhard J. Isaac, S. W. Mendum, Leonard F. Miller, H. L. Parsons, Merrill Sickles, and Clifton C. Warren. 587 p. Price \$1.00 (paper cover).

Commercial hatchery chick production. E. Smith Kimball, Robert F. Moore and Paul W. Smith, Bureau of Agricultural Economics. 26 p., illus. (Statistical Bulletin 81S.) Price 10¢.

The estimates of chicks produced by commercial hatcheries, published in this report, reveal the changes that have occurred in the hatchery industry from 1938 through 1943. An effort was made in this survey to obtain at least the capacity of every commercially operated hatchery in the United States.

Promoting better nutrition. Sybil L. Smith and Georgian Adams, Office of Experiment Stations. 24 p. Reprint from Report on the Agricultural Experiment Station, 1944.²

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

² These may be obtained from the issuing bureau.

Reducing losses from diseases and pests. Howard P. Barss and Floyd Andre.
Office of Experiment Stations. 16 p. Reprint from Report on the Agricultural
Experiment Station, 1944.²

Report of the Administrator of Agricultural Research, 1944. Eugene C. Auchter.
234 p. Price 25¢. For sale only.

Take fear out of the future, be sure—insure. Federal Crop Insurance Corporation. Folder. (F. C. I. Information 26.) ²

This folder sets forth the merits of the Federal Crop Insurance Program for wheat, cotton, or flax.

Title pages for Technical Bulletins Nos. 851-875 with contents. Office of Information. 15 p.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

The agricultural situation. Vol. 29, No. 3, March 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture in the Americas. Vol. V, No. 3, March 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹

Bibliography of agriculture. Vol. 6, No. 3, March 1945. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.¹

Consumers' guide. Vol. XI, No. 3, March 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Crops and markets. Vol. 22, No. 1, January 1945. Quarterly. Price 10¢ a copy, 30¢ a year, domestic; 45¢ a year, foreign.¹

Experiment station record. Vol. 92, No. 3, March 1945. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25. Foreign subscription per volume, \$2.00. Single numbers 20¢ a copy.¹

Extension service review. Vol. 16, No. 3, March 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Foreign agriculture. Vol. 9, No. 3, March 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.75 a year, foreign. Each issue, 10¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.¹ Not distributed free to individuals.

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Publication No.	Series	Title

Journal of agricultural research.—Continued.

— Vol. 70, No. 5. March 1, 1945. Illus. Contents:

Effect of potassium deficiency and of potassium derived from different sources on the composition of the juice of valencia oranges (Key No. G-1299). Wallace R. Roy.
Inheritance of ascorbic acid content in snap beans (Key No. G-1326). B. L. Wade, P. H. Heinze, Margaret S. Kanapaux, and Charlotte F. Gaetjens.

— Vol. 70, No. 6. March 15, 1945. Illus. Contents:

Total and free amylase content of dormant cereals and related seeds (Key No. E-96). Jehiel Davidson.
Pathological histology of sugarcane affected with chlorotic streak (Key No. G-1322). E. V. Abbott and John E. Sass.
Ms₂ AV₁₀ linkage group in sorghum (Key No. G-1328). J. C. Stephens and J. R. Quinby.

Land policy review. Vol. VIII, No. 1, Spring 1945. Quarterly. Price 10¢ a copy, 30¢ a year.¹

News for farmer cooperatives. Vol. 11, No. 12, March 1945. Price 10¢ a copy, \$1.00 a year.¹

Rural electrification news. Vol. 10, No. 7, March 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Soil conservation. Vol. X, No. 9, March 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

KIDS MUST EAT. 1½ reels. 16 mm. and 35 mm., sound; black and white. An entertaining motion picture on the Department's School Lunch Program, featuring the Quiz Kids.

VICTORY HARVEST. 2 reels. 16 mm. and 35 mm., sound; black and white. This new motion picture is designed primarily for use in recruiting farm labor.

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16- and 35-millimeter widths. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 67 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

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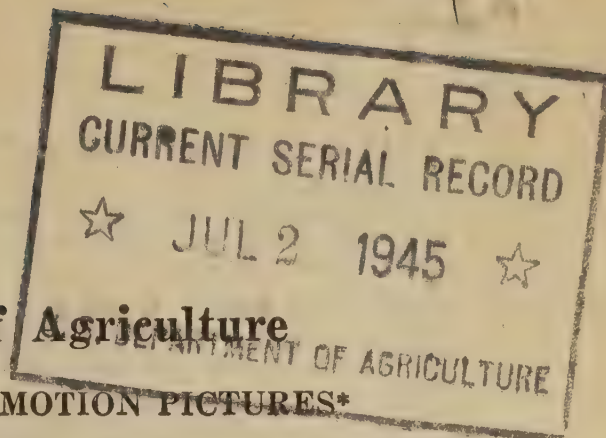
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MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

APRIL 1945

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This list will be sent free upon request. If you already receive it and have changed your address show your old address as well as new when you request that our records be changed.

BULLETIN OF THE MONTH

"Part-Time Farming." Farmers' Bulletin 1966

This bulletin has been written as a guide for those who are looking for part-time farms. It should be helpful to young men now in military service who are looking forward to agricultural pursuits when they return to civilian life. The bulletin will also be of use to county extension agents, farm security supervisors, vocational agriculture teachers, and other local leaders to whom those interested will turn for guidance.

AGRICULTURAL INFORMATION SERIES

Rural electrification after the war. Interbureau Committee on Post-war Programs. 18 p., illus. (AIS-11.)

This publication tells what progress has been made in rural electrification so far, what the post-war objectives should be, why an accelerated post-war program is desirable and important, what it should be possible to accomplish in 5 years.

A post-war foreign trade program for United States agriculture. Interbureau Committee on Post-war Programs. 26 p. (AIS-15.)

This report represents a consensus of the views of a working group chosen from the agencies within the Department of Agriculture most concerned with foreign trade.

A guide to conservation practices for Ohio. Agricultural Adjustment Agency. [8] p., illus. (AIS-16.)

This pictorial leaflet shows what Ohio farmers can do to conserve their soil and get more per acre.

Some questions and answers on where and how to get a farm. Marshall A. Thompson. Bureau of Agricultural Economics. [4] p. (AIS-19.)

The purpose of this pamphlet is to answer some of the questions received in letters from servicemen of no aid to persons who have not been in the service.

AGRICULTURAL WAR INFORMATION SERIES

Your job as a work leader. Extension Service. Folder. (AWI-96.) Price 5¢.
This revised folder is a guide for leaders of the Victory Farm Volunteers.

Home canning of meat. Bureau of Human Nutrition and Home Economics. 16 p., illus. (AWI-110.) Price 5¢.

Directions given here tell how to can meat safely as well as to hold food value and flavor.

* Compiled by Eleanor W. Clay, Office of Information.

A call to farms for women of America. Extension Service. Folder. (AWI-111.) 111.)

This folder is an appeal to women of all ages and from all walks of life to join the Women's Land Army and help out in the alarming manpower shortage on the farms of our Nation.

Going our way? Extension Service. Folder. (AWI-112.)

This folder is an appeal to boys and girls to serve on the farm front and join the Victory Farm Volunteers.

A war job in your own home. War Food Administration. Folder. (AWI-114.)

This folder outlines an appeal to the housewives of America to help out in the Fat Salvage Program.

CIRCULARS

Commercial cabbage culture. Victor R. Boswell, Bureau of Plant Industry, Soils and Agricultural Engineering. 60 p., illus. (Circular 252C.) Price 15¢.

No attempt is made in this revised circular to present a comprehensive description and review of the details of cultural methods and field practices that prevail in different regions. The purpose here is to present a few typical practices together with some less commonly known information and principles which will afford a sound basis for successful production.

Explosibility and fire hazard of ammonium nitrate fertilizer. R. O. E. Davis. Bureau of Plant Industry, Soils, and Agricultural Engineering. 22 p. (Circular 719C.) Price 10¢.

Recommendations are made in this circular for handling ammonium nitrate in fertilizer factories and on farms.

FARMERS' BULLETINS

Growing sweet corn for the cannery. J. H. Beattie, Bureau of Plant Industry, Soils, and Agricultural Engineering. 18 p., illus. (Farmers' Bulletin 1634F.) Price 10¢.

Requirements for the successful production of sweet corn for the cannery are given in this revised bulletin.

Part-time farming. Earl H. Bell, and Orlin J. Scoville, Bureau of Agricultural Economics. 18 p., illus. (Farmers' Bulletin 1966F.) Price 10¢. See page 1.

MISCELLANEOUS PUBLICATIONS

The work of the U. S. Forest Service. Forest Service. 32 p., illus. (Miscellaneous Publication 290M.) Price 10¢.

The title of this revised publication is self-explanatory.

Uniform labels for consumer grades of eggs. Melvin W. Buster and H. G. F. Hamann. Office of Marketing Services. 6 p., illus. (Miscellaneous Publication 560M.) Price 5¢.

This is a descriptive folder on uniform grade labels for eggs packaged in cartons for sale to consumers at retail levels.

SERVICE AND REGULATORY MATERIAL

Japanese beetle quarantine. Bureau of Entomology and Plant Quarantine. Revision of Quarantine and Regulations, effective February 17, 1945. 8 p. (Quarantine No. 48.)¹

Notices of judgment under the Insecticide Act. Office of Marketing Services. Pp. 599-608. (N. J., I. F. 1911-1925.)¹

Service and regulatory announcements. Bureau of Animal Industry. February 1945. Pp. 7-12. (S. R. A.-B. A. I. 454.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.²

Index to service and regulatory announcements, January-December 1944. Bureau of Animal Industry.¹

Service and regulatory announcements, October-December 1944. Bureau of Entomology and Plant Quarantine. Pp. 75-116. (S. R. A.-B. E. P. Q. 161.)¹

¹ These may be obtained from the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

SOIL SURVEYS

Pennsylvania, Huntingdon County. (Series 1934, No. 27.) 146 p., illus. Price 40¢.

Washington, Kittitas County. (Series 1937, No. 13.) 69 p., illus. Price 65¢.

TECHNICAL BULLETINS

Fattening yearling cattle in the Appalachian Region. W. H. Black, and C. V. Wilson. Bureau of Animal Industry and West Virginia Agricultural Experiment Station. 11 p., illus. (Technical Bulletin 889T.) Price 5¢.

In view of the continued trend in consumer demand for still lighter cuts of beef with considerable finish, the experiments reported in this bulletin were designed to study methods of producing fat cattle at approximately 16 months of age.

OTHER PUBLICATIONS

Physical land conditions in Kent Soil Conservation District, Maryland. Ralph W. Ruble. - Soil Conservation Service. 28 p., illus. (Physical Land Survey 37.) Price 15¢. Free distribution restricted.

This bulletin tells about the land in the county and describes the practices needed to make good use of the land, especially to control soil erosion on sloping land and to establish drainage on the flat land that is suitable for cultivation.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

The agricultural situation. Vol. 29, No. 4, April 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.²

Agriculture decisions. Vol. 3, No. 12. Pages 1049-1318. December 1944; Vol. 4, No. 1. Pages 1-79. January 1945. Price of single copy varies depending on size. \$2.00 a year.²

Agriculture in the Americas. Vol. V, No. 4, April 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.²

Bibliography of agriculture. Vol. 6, No. 4, April 1945. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.²

Consumers' guide. Vol. XI, No. 4, April 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.²

Experiment Station record. Vol. 90, Index number, January-June 1944; Vol. 92, No. 4, April 1945. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25. Foreign subscription per volume, \$2.00. Single numbers 20¢ a copy.²

Extension Service review. Vol. 16, No. 2, February 1945; Vol. 16, No. 4, April 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.²

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Foreign agriculture. Vol. 9, No. 4, April 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.²

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.75 a year, foreign. Each issue, 10¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.² Not distributed free to individuals.

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Journal of agricultural research index to Volume 69, July 1-December 15, 1944. Price 5¢.²

——— Vol. 70, No. 7. April 1, 1945. Illus. Contents:

Growth curves of *azotobacter* at different pH levels (Key No. Kans.-100). P. L. Gainey and Eric Fowler.

The effect of some environmental factors on the set of pods and yield of white pea beans (Key No. Mich.-44). J. F. Davis.

——— Vol. 70, No. 8. April 15, 1945. Illus. Contents:

Inheritance of number of seeds per pod and leaflet shape in the soybean (Key No. Ill.-78). Wayne E. Domingo.

A statistical study of the relations between flax fiber numbers and diameters and sizes of stems (Key No. Ga.-19). Julian H. Miller, M. Gwendolyn Burton, and Troy Manning.

News for farmer cooperatives. Vol. 12, No. 1, April 1945. Price 10¢ a copy, \$1.00 a year.²

Rural electrification news. Vol. 10, No. 3, April 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.²

Soil conservation. Vol. X, No. 10, April 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.²

MOTION PICTURES

CANNING THE VICTORY CROP. 2 reels, 16 mm., Kodachrome. This motion picture in color was released in 1943 to provide an authoritative how-to-do-it film for use of organizations conducting home-canning instructions.

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16- and 35-millimeter widths. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 67 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

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MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

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BULLETIN OF THE MONTH

"If You're Thinking of a Little Place in the Country"

Agricultural Information Series 14

Many veterans and others are wondering about the possibility of working at jobs in town but living out in the country, within driving distance, where they can have a little land, a few chickens, and a garden. They want to know what the prospects are for such part-time farming after the war. Instances related in this pamphlet will give a little glimpse at how some such ventures in part-time farming have worked out.

AGRICULTURAL INFORMATION SERIES

Don't kill the forest goose. Forest service. [12] p., illus. (AIS-13.)

American forests are in a bad way. Here's the story on our forests—where we are—how we got this way—and what we can do about it.

If you're thinking of a little place in the country. A. B. Genung, Bureau of Agricultural Economics. 12 p., illus. (AIS-14.) *See above.*

How much fertilizer shall I use? Charles E. Kellogg, Bureau of Plant Industry, Soils, and Agricultural Engineering. 6 p. (AIS-18.)

A gardener's guide for converting tons or pounds per acre into pints, cups, tablespoons, or teaspoons per row or plant.

AGRICULTURAL WAR INFORMATION SERIES

The Women's Land Army works for victory. Extension Service. 8 p., illus. (AWI-113.)

The record of the WLA for 1944 and its needs for 1945 are outlined.

CIRCULARS

Little leaf disease of pine. George H. Hepting, Thomas S. Buchanan, and L. W. R. Jackson, Bureau of Plant, Industry, Soils, and Agricultural Engineering. 15 p., illus. (Circular 716C.) Price 5¢.

The relation of little leaf disease to soil and site factors and the role of the disease as it affects timberland management are emphasized.

*Compiled by Eleanor W. Clay, Office of Information.

Results of tests of commercial legume inoculants in 1944. Lewis T. Leonard, Bureau of Plant Industry, Soils, and Agricultural Engineering. 6 p., illus. (Circular 724C.) Price 5¢.

The title is self-explanatory.

FARMERS' BULLETINS

Pattern alteration. Margaret Smith, Bureau of Human Nutrition and Home Economics. 40 p., illus. (Farmers' Bulletin 1968F.) Price 10¢.

This bulletin deals with the problems of altering a pattern—how to measure the figure and take corresponding pattern measurements, and how to alter the pattern pieces to correspond to your measurements.

MISCELLANEOUS PUBLICATIONS

Workers in subjects pertaining to agriculture in land-grant colleges and experiment stations, 1944-45. Betty T. Richardson, Office of Experiment Stations. 164 p. (Miscellaneous Publication 556M.) Price 25¢. Free distribution is restricted.

The title is self-explanatory.

What farm families spend for medical care. Jean L. Pennock and Grace M. Angle, Bureau of Human Nutrition and Home Economics. 18 p., illus. (Miscellaneous Publication 561M.) Price 10¢.

This publication is written to assist in the discussion of postwar problems. Its purpose is to contribute to the information needed for a successful solution to the problem of making available to every family the full benefit of the knowledge and resources of the medical profession.

SERVICE AND REGULATORY MATERIAL

Regulations under the packers and stockyards act as amended. Office of Marketing Services. Reprinted with amendments, February 1945. 29 p. (S. R. A.-O. M. S. 164.)¹

Service and regulatory announcements, March 1945. Bureau of Animal Industry. Pp. 13-20. (S. R. A.-B. A. I. 455.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.²

TECHNICAL BULLETINS

Investigations in erosion control and reclamation of eroded Shelby and related soils at the Conservation Experiment Station, Bethany, Mo., 1930-42. D. D. Smith, D. M. Whitt, Austin W. Zingg, A. G. McCall, and F. G. Bell, Soil Conservation Service in cooperation with the Missouri Agricultural Experiment Station. 175 p., illus. (Technical Bulletin 883T.) Price 30¢.

This is a report of technical advances in conservation farming for the agricultural region served by the Conservation Experiment Station at Bethany, Mo. It is concisely presented and authenticated by figures, plates, tables, and other data. In effect, it is a manual or handbook for technicians only.

Seasonal changes in Florida grapefruit. Paul L. Harding and D. F. Fisher, Bureau of Plant Industry, Soils, and Agricultural Engineering. 100 p., illus. (Technical Bulletin 886T.) Price 25¢. Free distribution is restricted.

The information presented in this bulletin on the physical characters and the chemical constituents of sprayed and unsprayed Florida grapefruit should serve as a basis for improving maturity standards and for establishing legal picking dates for both seedy and seedless varieties.

Measuring productive capacity of pastures through maintenance studies with mature steers. A. O. Rhoad and R. B. Carr, Bureau of Plant Industry, Soils, and Agricultural Engineering. 20 p., illus. (Technical Bulletin 890T.) Price 10¢.

The techniques used in pasture investigations in this country have been the subject of considerable study in recent years. The main object of the present study was to eliminate some of the experimental error inherent in the animal-requirement method of measuring productive capacity of pastures.

OTHER PUBLICATIONS

Eat a lunch that packs a punch! War Food Administration. Folder. Illus. (NFC-8.)

This revised folder serves as a nutrition guide to balanced meals.

¹ These may be obtained from the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

This revised publication has been prepared in the hope that it may assist those who are returning to homes and farms that have been flooded.

In-plant feeding at its best emphasizes the service of meals of high nutritive quality in a form and at price attractive to the majority of workers. The purpose of this publication is to assist industry and food-service managers in achieving this objective.

For your help, this discussion guide has tried to sum up the proposals of world peace organization and bring to the top the main questions and important facts involved.

Only free publications that are of general interest to farmers and homemakers are listed in this revised compilation.

On June 9, 1942, the Combined Food Board was established. This bulletin is a report of the progress of the work from then until December 31, 1944.

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agriculture decisions. Vol. 4, No. 2, February 1945; Vol. 4, No. 3, March 1945.
Prices of single copies vary depending on size. \$2.00 a year.²

Bibliography of agriculture. Vol. 6, No. 5, May 1945. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.²

Crops and markets. Vol. 22, No. 2, April 1945. Quarterly. Price 10¢ a copy, 30¢ a year, domestic; 10¢ a copy, 45¢ a year, foreign.²

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Journal of agricultural research. Price \$2.25 a year, domestic; \$3.75 a year, foreign. Each issue, 10¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.² Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., at varying prices depending on their size. The Office of Information has none for general distribution.

———— Vol. 70, No. 9. May 1, 1945. Illus. Contents:

A method for determining the relative cold hardiness of dormant peach fruit buds (Key No. N. J.-34). E. M. Meader, O. W. Davidson, and M. A. Blake.

Physiologic specialization in the tomato wilt fungus *fusarium oxysporum f. lycopersici* (Key No. Ohio-31). L. J. Alexander and C. M. Tucker.

———— Vol. 70, No. 10. May 15, 1945. Illus. Contents:

Tip blight of species of *Abies* caused by a new species of *Rehmiellopsis* (Key No. G-1329). Alma M. Waterman.

Effect of different soil colloids on the toxicity of boric acid to foxtail millet and wheat (Key No. G-1327). P. L. Gile.

News for farmer cooperatives. Vol. 12, No. 2, May 1945. Price 10¢ a copy, \$1.00 a year.²

Rural electrification news. Vol. 10, No. 9, May 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.²

Soil conservation. Vol. X, No. 11, May 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.²

Soil Conservation—Index to Volume IX, July 1943 to June 1944. 10 p.

MOTION PICTURES

REALM OF THE WILD. 3 reels, 16 mm., Kodachrome. This picture reveals that even more vital than game laws to our wild birds and animals is an assured year-round supply of the grass, weeds, shrubs, and trees which provides them with food and cover.

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16- and 35-millimeter widths. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 67 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

² Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

JUNE 1945

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BULLETIN OF THE MONTH

"Food for Two." Agricultural Information Series 21.

This folder gives suggested menus and a weekly food plan for two.

AGRICULTURAL INFORMATION SERIES

Better management on southern coastal forest ranges. R. S. Campbell and H. H. Biswell, Forest Service in cooperation with the Bureau of Animal Industry, Bureau of Plant Industry, Soils, and Agricultural Engineering, the Louisiana Agricultural Experiment Station, Georgia Coastal Plain Experiment Station, Georgia Experiment Station, North Carolina Agricultural Experiment Station, North Carolina Forestry Foundation, and the North Carolina Department of Agriculture. 12 p., illus. (AIS-17.)

The continued need for beef and hides, economically produced, during the war and in the post-war period demands careful handling of forest range and livestock to make the most of available forage and feed supplies, without damage to the forest.

Farmers look at post-war prospects. Interbureau Committee on Post-War Programs. 20 p. (A18-20.)

This is a study of attitudes and desires of farmers in representative parts of the country on major post-war problems of agriculture. Estimates of various specialists in the Department on probable post-war situations are included.

Food for two. Bureau of Human Nutrition and Home Economics. Folder, illus. (AIS-21.) See above.

Making Velva Fruit at home. Bureau of Human Nutrition and Home Economics. Folder, illus. (AIS-22.)

Velva Fruit was first developed as a commercial product by the Western Regional Laboratory of the Bureau of Agricultural and Industrial Chemistry. Working jointly with the original discoverers, the Bureau of Human Nutrition and Home Economics has adapted the commercial method to home use. Directions are given here for making the fruit puree from fresh fruit in summer, and keeping it frozen for making into Velva Fruit months later, in winter.

AGRICULTURAL WAR INFORMATION SERIES

Take care of pressure canners. Bureau of Human Nutrition and Home Economics. Folder, illus. (AWI-65, rev.)

Whether your canner is new or old, this revised folder suggests that you know it, make it last, and share it with others.

CIRCULARS

Controlling insects in flour mills. R. T. Cotton, J. C. Frankenfeld, and G. A. Dean. Bureau of Entomology and Plant Quarantine and Kansas Agricultural Experiment Station. 75 p., illus. (Circular 720C.) Price 15¢.

This circular discusses the many methods proved useful in preventing insect infestation in flour during the process of manufacture and subsequent handling. It is a revision of and supersedes Circular 390, Flour-Mill Insects and Their Control.

Regional studies of time of planting and hill spacing of sweetpotatoes. W. S. Anderson, H. L. Cochran, J. B. Edmond, O. B. Garrison, R. E. Wright, and

* Compiled by Eleanor W. Clay, Office of Information.

Victor R. Boswell. Bureau of Plant Industry, Soils, and Agricultural Engineering in cooperation with the Agricultural Experiment Stations of Mississippi, Georgia, South Carolina, and Texas. 20 p., illus. (Circular 72-C.) Price 10¢.

The cooperative studies reported herein were undertaken because of the need throughout the Southern States for information about the influence of hill spacing and time of planting, separately and in combination, upon yield, grade, shape, and carotene and starch contents.

FARMERS' BULLETINS

Safe use and storage of gasoline and kerosene on the farm. Bureau of Plant Industry, Soils, and Agricultural Engineering and the Bureau of Agricultural Economics, in cooperation with the National Fire Protection Association. 14 p., illus. (Farmers' Bulletin 1678F., rev.) Price 5¢.

Carelessness in using and storing gasoline, kerosene, and other petroleum products causes an annual loss of some 500 lives and an average fire loss of more than \$5,000,000 on farms of the United States. This revised bulletin points out the most common hazards and the precautions that should be observed. It also gives information on extinguishing gasoline and kerosene fires.

Plowing with moldboard plows. Wallace Ashby and A. H. Glaves. Bureau of Plant Industry, Soils, and Agricultural Engineering. 24 p., illus. (Farmers' Bulletin 1690F., rev.) Price 10¢.

The purpose of this revised bulletin is to present information that will aid in keeping moldboard plows in good working order, in using them most efficiently, and in selecting new equipment to replace old.

Reducing damage to trees from construction work. Marvin E. Fowler, G. F. Gravatt, and A. Robert Thompson. Bureau of Plant Industry, Soils, and Agricultural Engineering and United States Department of the Interior. 26 p., illus. (Farmers' Bulletin 1967F.) Price 10¢.

Includes directions needed by contractors, builders, park superintendents, highway engineers, home owners, and others to prevent or lessen damage to trees from construction work and to remedy any damage already done.

LEAFLETS

Community forests for rural people. Forest Service and Extension Service. 8 p., illus. (Leaflet 244L.) Price 5¢.

Every rural community should have a place that the people can call their own, where they can get together for social or business purposes and for recreation. A community forest and recreation center is an ideal place for either adult or youth groups to get together for mutual benefit and collaboration. This pamphlet gives information on how to establish and plan for a County 4-H forest.

MISCELLANEOUS PUBLICATIONS

Reducing damage to eggs and egg cases. O. F. Johndrew. Office of Marketing Services. 24 p., illus. (Miscellaneous Publication 564M.) Price 10¢.

As a means of reducing such damage, a number of suggestions are offered, based on recommendations made by members of the poultry industry, railroads, shippers, warehousemen, manufacturers, and others.

SERVICE AND REGULATORY MATERIAL

Service and regulatory announcements, April 1945. Bureau of Animal Industry. Pp. 21-26. (S. R. A.-B. A. I. 456.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.¹

TECHNICAL BULLETINS

Testing fabrics for resistance to mildew and rot. Paul B. Marsh, G. A. Great-house, Mary L. Butler, and Katharina Bollenbacher. Bureau of Plant Industry, Soils, and Agricultural Engineering. 22 p., illus. (Technical Bulletin 892T.) Price 10¢.

One of the wartime problems of our armed forces is the rotting of fabric articles. Tents, sandbags, hammocks, and insect netting, as well as other items used in jungle warfare, are subject to attack by micro-organisms. The information here presented concerns the testing of fabric for resistance to such attack.

OTHER PUBLICATIONS

Bibliography on dehydration of foods, 1938-43. Library. 120 p. (Bib. Bul. 6.) The title is self-explanatory.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Dairy and poultry market statistics, 1944. Office of Marketing Services. [62 p.] (CS-13.) Price 25¢.

The title is self-explanatory.

Electricity comes to rural America. Rural Electrification Administration. [24] p., illus.²

Progress in rural electrification since 1935 is cited.

Let's talk about timber supplies. Forest Service in cooperation with the Bureau of Agricultural Economics. 5 p., illus. (DS-26.)

This is a discussion guide on the question of public regulation of timber-cutting to make sure of permanent supplies of wood. It has to do mainly with the problem of post-war supplies of timber.

Physical land conditions in Washington County, Minnesota. J. A. Bonsteel and G. A. Simpson. Soil Conservation service. 42 p., illus. (PLS-36.) Price 15¢. Free distribution restricted.

This is a detailed survey of the soils, slopes, existing kinds and degrees of erosion, and present land use of Washington County, Minnesota.

PERIODICALS

The agricultural situation. Vol. 29, No. 6. June 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 4, No. 4, April 1945. Price of single copy varies depending on size. \$2.00 a year.¹

Agriculture in the Americas. Vol. V, No. 6. June 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹

Bibliography of agriculture. Vol. 6, No. 6. June 1945. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.¹

Consumers' guide. Vol. XI, No. 6. June 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Crops and markets. Index to Volume 21, 1944.³

Experiment Station Record. Vol. 92, No. 5, May 1945. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25. Foreign subscription per volume, \$2.00. Single numbers 20¢ a copy.¹

Extension service review. Vol. 16, No. 6. June 1945. Price 10¢ a copy, 75¢ a year, domestic: \$1.15 a year, foreign.¹

Foreign agriculture. Vol. 9, No. 6. June 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

² Obtainable from the Rural Electrification Administration, St. Louis 2, Mo.

³ Obtainable from the Bureau of Agricultural Economics.

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Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

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—Vol. 70, No. 11. June 1, 1945. Illus. Contents:

Turnip mosaic viruses (Key No. Wis.-150). Francis J. LeBeau and J. C. Walker.
Effects of phosphorus, nitrogen, and soil moisture on top-root ratios of inbred and hybrid maize (Key No. Iowa-34). D. Boyd Shank.

—Vol. 70, No. 12. June 15, 1945. Illus. Contents:

Viruses associated with cabbage mosaic (Key No. G-1325). J. C. Walker, Francis J. LeBeau, and Glenn S. Pound.

Response of shortleaf and pitch pines to soil amendments and fertilizers in newly established nurseries in the Central States (Key No. F-102). John T. Auten.

Land policy review. Vol. VIII, No. 2. Summer 1945. Quarterly. Price 10¢ a copy, 30¢ a year.¹

News for farmer cooperatives. Vol. 12, No. 3. June 1945. Price 10¢ a copy, \$1.00 a year.¹

Rural electrification news. Vol. 10, No. 10. June 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Soil conservation. Vol. X, No. 12. June 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

FORESTS FOREVER. 3 reels, 16 mm., sound, in Kodachrome. The picture has to do with the perpetuation of our timber supply—a problem of immediate national concern. It explains so-called “standards of forest practice,” and shows how they will operate to stop destructive cutting practices, to restore and maintain a thrifty growing stock of valuable trees, and safeguard forest production for the years ahead. This film should be of special interest in forest areas. Prints of this film have not been placed with all Department film libraries. If your State library does not have a print, apply to Motion Picture Service, Office of Information, USDA.

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16- and 35-millimeter widths. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 67 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

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JULY 1945

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BULLETIN OF THE MONTH

"What Peace Can Mean to American Farmers." Miscellaneous Publication 562.

What may be expected in the way of farm prosperity under various levels of employment after the war is indicated in an analysis that has been made by the U. S. Department of Agriculture in which specialists in the Bureau of Agricultural Economics estimate probable agricultural prices, production, and income under full employment, intermediate employment, and serious depression.

AGRICULTURAL INFORMATION SERIES

More money for red clover seed. Agricultural Adjustment Agency. (AIS-23).
Seed production tips are outlined.

More money for alsike clover seed. Agricultural Adjustment Agency. (AIS-24).
Seed production tips are outlined.

More money for alfalfa seed. Agricultural Adjustment Agency. (AIS-25).
Seed production tips are outlined.

AGRICULTURAL WAR INFORMATION SERIES

How to prepare vegetables and fruits for freezing. Bureau of Agricultural and Industrial Chemistry. Folder. (AWI-100, rev.)

This revised folder gives the preparation of fruits and vegetables for the home freezer cabinet and the community locker plant. Directions for using the frozen products are included.

CIRCULARS

Use of commercial fertilizers in cotton production. J. J. Skinner. Bureau of Plant Industry, Soils, and Agricultural Engineering. 26 p., illus. (Circular 726C.) Price, 10¢.

Information concerning nutrient requirements of cotton and efficient use of commercial fertilizers is given.

Flue-cured tobacco resistant to bacterial (Granville) wilt. Thomas E. Smith, E. E. Clayton, and E. G. Moss. Bureau of Plant Industry, Soils, and Agricultural Engineering, North Carolina Agricultural Experiment Station and North Carolina Department of Agriculture. 7 p., illus. (Circular 727C.) Price 5¢.

Seed sources, suggestions for culture, and description of Oxford 26, a tobacco variety highly resistant to bacterial wilt is given.

*Compiled by Eleanor W. Clay, Office of Information.

FARMERS' BULLETINS

Feeding cottonseed products to livestock. N. R. Ellis and R. E. Hodgson. Bureau of Animal Industry and Bureau of Dairy Industry. 13 p., illus. (Farmers' Bulletin 1179F, rev.) Price 5¢.

A revised bulletin that gives composition and use of cottonseed products in feeding livestock.

MISCELLANEOUS PUBLICATIONS

What peace can mean to American Farmers. Bureau of Agricultural Economics. 28 p. (Miscellaneous Publication 562M.) Price 10¢. See page 1.

Outline of suggested specifications for purchasing processed fruits and vegetables. Paul M. Williams. Office of Marketing Services. 18 p., illus. (Miscellaneous Publication 565M.) Price 10¢.

Members of organizations who formulate specifications used in procuring supplies for their respective institutions and agencies have found this outline a helpful guide in suggesting prudent planning and buying. It is believed that this outline will satisfy a definite demand of those persons who desire a guide in their food-procurement operations.

Slidefilms of the United States Department of Agriculture. Extension Service. [25] p. (Miscellaneous Publication 566M.)

This issue of our catalog brings you prices and titles of slidefilms for the year July 1, 1944–June 30, 1945. They cover many phases of agriculture and home economics and are designed for use in teaching better farm and home practices.

SERVICE AND REGULATORY MATERIAL

Index to service and regulatory announcements, 1944. Bureau of Entomology and Plant Quarantine. 3 p. (S. R. A.–B. E. P. Q. Index 1944.)¹

Rules and regulations governing sanitary export certification. Bureau of Entomology and Plant Quarantine. Revision of regulations effective July 1, 1945. 2 p. (B. E. P. Q.–San. Exp. Regs.)¹

Service and regulatory announcements, May 1945. Bureau of Animal Industry. Pp. 27–33. (S. R. A.–B. A. I. 457). Price 5¢ a copy, 25¢ a year, domestic; 45¢ a year, foreign.²

Service and regulatory announcements, January–March 1945. Bureau of Entomology and Plant Quarantine. 18 p. (S. R. A.–B. E. P. Q. 162.)¹

SOIL SURVEYS

Indiana, La Porte County. (No. 26, Series 1934.) 110 p., illus. Price 45¢.

TECHNICAL BULLETINS

Resistance of dent corn inbred lines to survival of first-generation European corn borer larvae. L. H. Patch and Ray T. Everly. Bureau of Entomology and Plant Quarantine. 10 p., illus. (Technical Bulletin 893T.) Price 5¢.

A graphic method of rating strains of dent corn as either resistant, partially resistant, or susceptible to the survival of larvae of the first generation of the European corn borer is presented.

Feed consumption and marketing weight of hogs. L. Jay Atkinson and John W. Klein. Bureau of Agricultural Economics. 28 p., illus. (Technical Bulletin 894T.) Price 10¢.

The purpose of this bulletin is to focus attention on the findings of experimental studies on hog feeding so that the principles developed in these studies may be applied by farmers in attaining wartime production and marketing goals.

OTHER PUBLICATIONS

Report of the Federal Experiment Station in Puerto Rico, 1944. Office of Experiment Stations. 44 p. Price 10¢. For sale only.²

Vanilla curing. Francisca E. Arana. Office of Experiment Stations. 21 p., illus. (Puerto Rico Circular 25PRC.) Price 10¢. For sale only.²

This circular includes the uses of vanilla beans, preparation of vanilla extract, as well as results of vanilla-curing investigations.

¹ These may be obtained from the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

PERIODICALS

Rural electrification news. Vol. 10, No. 11. July 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.²

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Publication No.	Series	Title

Soil conservation. Vol. XI, No. 1. July 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.²

MOTION PICTURES

Curing Pork Country Style. 2 reels, 16 mm., sound, black and white and color. Shows how to cure pork by the dry and brine methods. A brief sequence shows how to construct a farm smokehouse. The picture closes with tantalizing color shots designed to create a desire to put more country-cured pork into the American larder.

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1945 NEEDS FOR USED FATS VITAL

Because war needs are stepped up in direct proportion to the rapid strides we are making on Pacific battlefronts, the 1945 goal for used kitchen fats has been set at 250 million pounds—approximately 80 million pounds more than was salvaged last year by housewives of the nation.

The 250 million pounds are vitally needed to help make up a deficit in over-all fats-oils supplies that cannot be met by domestic production. Although every possible effort is being made to increase production, total figures will not match the record ones of 1944, and needs are greater in 1945.

Used fats help make a multitude of goods needed for war and essential civilian uses—munitions, military medicines, military and civilian soaps, nylon for parachutes, synthetic rubber, hydraulic fluids, printing ink, opiates to ease pain, protective coatings for farm implements, and many other products, both military and civilian.

The richest potential source of used fats is in the kitchens of America. It has been estimated that 500 million pounds of used household fats went down the drain in prewar days. If only half this amount could be salvaged in 1945, the 250 million pounds would be equivalent to the oil produced from more than 1 million acres of peanuts, or more than ½ million acres of soybeans, or the lard from more than 7 million head of hogs, or the tallow from 3 million head of cattle.

Housewives of the country are being asked to turn in all used fats they can no longer use in their own kitchens. Butchers and grocers will pay two red ration points and up to four cents for each pound turned in.

Every spoonful turned in helps!

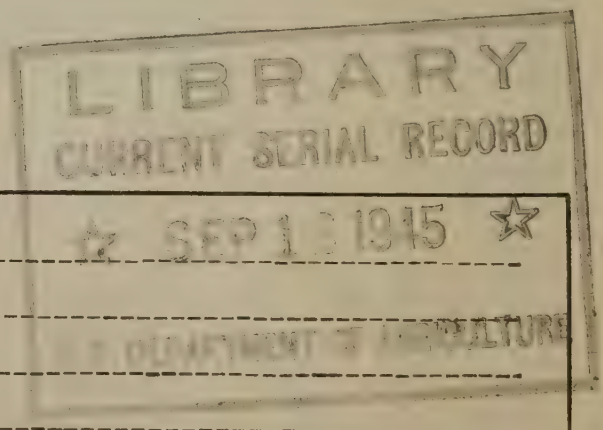
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BULLETIN OF THE MONTH

"Better Farm Leases." Farmers' Bulletin 1969

Gives the minimum essentials, purpose, principal kinds and importance of farm leases. Following the text are two aids for landlords and tenants in developing a satisfactory lease contract, a check list of points to be considered and a sample lease form.

AGRICULTURAL INFORMATION SERIES

What are we aiming at? A forest conservation program. Forest Service. 12 p. (AIS-10.)

A pamphlet designed to give some facts and figures on our forest land. A three-point program to achieve permanent and adequate timber supplies is included.

How and where to obtain motion pictures of the United States Department of Agriculture. Office of Information. Folder. (AIS-26.)

Instructions on how to procure motion picture films on a loan basis and how to buy prints are given. State institutions that lend films are listed. Instructions for ordering slidefilms are included.

Sagebrush to grass. Forest Service. 14 p., illus. (AIS-27.)

This is a pictorial folder on rebuilding western range lands by eliminating sagebrush and planting grass.

Soil treatment an aid in termite control. Extension Service and Bureau of Entomology and Plant Quarantine. Folder, illus. (AIS-30.)

The basis for termite control in a building is to break contact between the termite colony in the soil and the woodwork. Every case of termite trouble requires individual treatment. The suggestions given in this pamphlet apply to soil treatment alone.

Chemicals to kill weeds and diseases in tobacco beds. Edward E. Clayton. Bureau of Plant Industry, Soils, and Agricultural Engineering. Folder, illus. (AIS-31.)

Results on the use of Uramon and Cyanamid and their effects on tobacco plant beds are given.

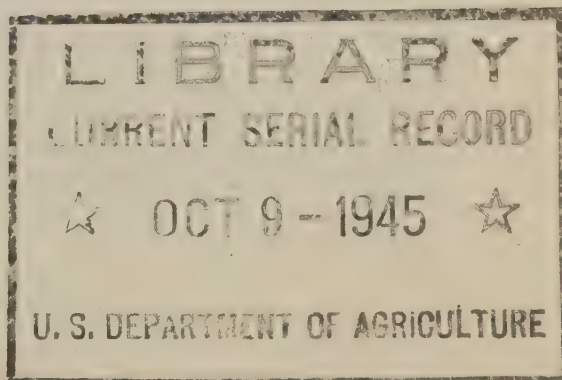
AGRICULTURAL WAR INFORMATION SERIES

4-H in war and peace. Extension Service. Folder, illus. (AWI-115.)

The title is self-explanatory.

*Compiled by Eleanor W. Clay, Office of Information.

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CIRCULARS

Composition and nutritive value of pork as related to weights of animals and cuts. O. G. Hankins and N. R. Ellis. Bureau of Animal Industry. 22 p., illus. (Circular 731C.) Price 10¢.

Full information on the composition and nutritive value of meat in relation to the most desirable degree of fattening is useful in dealing with numerous questions, economic and otherwise, that arise in the production, marketing, and consumption of meat. This is particularly true of pork, which, in the United States, is consumed in larger quantity than any other meat. The work reported here represents an effort to supply such information.

The wheat midge in the Pacific Northwest. Max M. Reeher, Bureau of Entomology and Plant Quarantine. 8 p. (Circular 732C.)

This circular is based mainly on investigations of the wheat midge, carried on during the wheat-growing seasons of 1921-24. The studies were made in the vicinity of Lynden, in the extreme northwest corner of Washington. It is probable that the midge will eventually reach the more important wheat-growing area of the Willamette Valley, in Oregon. If it does reach this area and if it increases in importance as might be expected, information on its identity, habits, and control will be needed immediately. This circular has been prepared to meet such a need.

FARMERS' BULLETINS

Alfalfa varieties in the United States. H. L. Westover, Bureau of Plant Industry, Soils, and Agricultural Engineering. 17 p., illus. (Farmers' Bulletin 1731F., rev.) Price 10¢.

This revised bulletin is devoted mainly to a discussion of the varieties and strains of alfalfa that are of commercial importance in the United States. A few varieties that are not grown commercially but are of interest because of resistance to cold or disease or because of peculiar adaptation are also included. No attempt has been made to discuss many other alfalfas that have been grown experimentally from time to time.

Better farm leases. Marshall D. Harris, Max M. Tharp, and Howard A. Turner, Bureau of Agricultural Economics. [42] p., illus. (Farmers' Bulletin 1969F.) See page 1. Price 10¢.

MISCELLANEOUS PUBLICATIONS

What peace can mean to American farmers: Maintenance of full employment. Interbureau Committee on Post-war Programs. 28 p. (Miscellaneous Publication 570M.) Price 10¢.

This publication is a sequel to an earlier one under the same general title. How to maintain a full-employment economy is a matter of great interest to farmers even though most of the action required lies outside the areas usually covered by agricultural programs. This study is printed so that agricultural agencies dealing with post-war problems and farm people generally may have a better understanding of the more important elements of the whole problem.

SERVICE AND REGULATORY MATERIAL

List of intercepted plant pests, 1944. N. Rex Hunt, Judith Hunt, and H. L. Sanford, Bureau of Entomology and Plant Quarantine. 37 p.¹

Regulations for warehousemen storing dry beans. Office of Marketing Services. Reprinted, with amendments, May 1945. 22 p. (S.R.A.-O.M.S.130, rev.)¹

Service and regulatory announcements, June 1945. Bureau of Animal Industry. Pp. 35-38. (S.R.A.-B.A.I.458.) Price 5¢ a copy, 25¢ a year, domestic; 60¢ a year, foreign.²

SOIL SURVEYS

Virginia, Princess Anne County. (Series 1939, No. 3.) 57 p., illus. Price 50¢.

Virginia, Russell County. (Series 1936, No. 21.) 124 p., illus. Price 75¢.

TECHNICAL BULLETINS

Marketing and manufacturing margins for textiles. L. D. Howell. Bureau of Agricultural Economics. 148 p., illus. (Technical Bulletin 891T.) Price 20¢.

This report is part of a broader analysis of marketing margins and costs. It deals with the break-down of farm-retail price spreads for textile products into their component charges and costs, and with the possibilities of reducing them. There has been a continued need for information of this kind in the administration of war programs, and in connection with post-war planning for a more efficient distribution system.

¹ These may be obtained from the issuing bureau.

² Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

OTHER PUBLICATIONS

Mineral deficiencies in *Derris elliptica*. Rufus H. Moore. Office of Experiment Stations. 26 p., illus. (Puerto Rico Bul. 43.) Price 10¢. For sale only.²

Derris elliptica is a legume indigenous to islands of the southwest Pacific and the neighboring Asiatic mainland. This report gives the details of an experiment on the symptomology of certain nutrient deficiencies in *Derris* and shows the relationship between these deficiencies and the chemical composition of the roots.

National wartime food guide. Production and Marketing Administration. (NFC-4, rev.) Folder.

This is a revised nutrition folder giving the basic 7 food groups.

PERIODICALS

The agricultural situation. Vol. 29, No. 7, July 1945; Vol. 29, No. 8, August 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.²

Agriculture decisions. Vol. 4, No. 6. June 1945. Price of single copy varies depending on size. \$2.00 a year.²

Agriculture in the Americas. Vol. V, No. 8. August 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.²

Bibliography of agriculture. Vol. 7, No. 2. August 1945. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.²

Consumers' guide. Vol. XI, No. 8. August 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.²

Crops and markets. Vol. 22, No. 3, July 1945. Quarterly. Price 10¢ a copy, 40¢ a year, domestic; 55¢ a year, foreign.²

Experiment station record. Vol. 93, No. 2. August 1945. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25, domestic; foreign subscription per volume, \$2.00. Single numbers 20¢ a copy.²

Extension service review. Vol. 16, No. 8. August 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.²

Foreign agriculture. Vol. 9, No. 8. August 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.²

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Publication No.	Series	Title

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.² Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates, 5¢, domestic; 8¢, foreign. The prices of separates may vary slightly depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

—Vol. 71, No. 3. August 1, 1945. Illus. Contents:

A soluble substance in cornstalks that retards growth of *Diplodia zeae* in culture (G-1331). Helen Johann and Allan D. Dickson.

Differences in the composition of fruits *Cucurbita* varieties at different ages in relation to culinary use (G-1332). C. W. Culpepper and H. H. Moon.

—Vol. 71, No. 4. August 15, 1945. Illus. Contents:

Reduction in productivity of muskrat pelts on an Iowa marsh through depredations of red foxes (Iowa-35). Paul L. Errington and Thomas G. Scott.

Range of soil-moisture percentages through which plants undergo permanent wilting in some soils from semiarid irrigated areas (G-1330). J. R. Furr and J. O. Reeve.

Temperature in relation to development and control of blue mold (*Peronospora tabacina*) of tobacco (G-1334). Edward E. Clayton and John G. Gaines.

News for farmer cooperatives. Vol. 12, No. 5. August 1945. Price 10¢ a copy. \$1.00 a year.²

Rural electrification news. Vol. 10, No. 12, August 1945. Price 10¢ a copy; 75¢ a year, domestic; \$1.15 a year, foreign.²

Soil conservation. Vol. XI, No. 2. August 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.²

MOTION PICTURES

IN COMMON CAUSE. 2 reels, 16 mm. and 35 mm., sound, black and white. 16 mm. prints are available only through State film libraries cooperating with the USDA. 35 mm. prints are available only from Motion Picture Service, Office of Information, Washington 25, D. C. A motion picture on Soil Conservation Districts, what they are, how they are organized and operated, what they have accomplished, and the big job which lies ahead in the vital program of saving our soil and increasing production. The locale of the picture is Stephenson County, Illinois.

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16- and 35-millimeter widths. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 67 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

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This list will be sent free upon request. If you already receive it and have changed your address show your old address as well as new when you request that our records be changed.

BULLETIN OF THE MONTH

"Poison-Ivy, Poison-Oak, and Poison-Sumac: Identification, Precautions, Eradication." Farmers' Bulletin 1972.

Poison-ivy, poison-oak, and poison-sumac remind most people of painful experiences to be avoided, yet many do not know any one of the offending plants or their equally poisonous relatives. This new bulletin aids in their detection, and gives methods of eradication as well as the treatment for poisoning.

AGRICULTURAL INFORMATION SERIES

Cooking with dried eggs. Bureau of Human Nutrition and Home Economics. [16] p., illus. (AIS-28.)

Recipes for using dried whole eggs, dried egg yolks, and dried egg whites are given.

Farm woodland management in the western Gulf region. Homer C. Mitchell. Soil Conservation Service. 14 p., illus. (AIS-29.)

This pamphlet contains a recommended plan of action for the woodland farmer in Arkansas, Louisiana, Oklahoma, and eastern Texas. It explains sound timber management principles as a contributor to farm income.

7 questions to ask when you buy or sell shelled corn by grade. Extension Service. Folder. Illus. (AIS-32.)

Dry, clean, heavy, sound corn grades high. Answers to the seven important questions asked in this folder tell you how these good points about corn are measured.

AGRICULTURAL WAR INFORMATION SERIES

Youth lends a hand: Victory Farm Volunteers. Extension Service. [7] p., illus. (AWI-116.)

This is the story of the Victory Farm Volunteers and their contribution to the allied war effort.

CIRCULARS

Freezing to preserve home-grown foods. H. C. Diehl and K. F. Warner. Bureau of Agricultural and Industrial Chemistry and Bureau of Animal Industry. 62 p., illus. (Circular 709C.) Price 15¢.

Freezing is another means by which families can preserve and store their supplies of fruits, vegetables, meats, poultry, eggs, and fish. The bulletin describes the changes that take place during the freezing and storing of food and the methods by which freezing can be used to preserve fruits, vegetables, meats, poultry products, and sea food.

Date culture in the United States. Roy W. Nixon. Bureau of Plant Industry, Soils, and Agricultural Engineering. 44 p., illus. (Circular 728C.) Price 10¢.

This circular is a brief summary of date culture in the light of research and experience in the Southwest. It will be of interest primarily to the relatively inexperienced commercial date grower.

*Compiled by Eleanor W. Clay, Office of Information.

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SERIAL RECORD

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U. S. DEPARTMENT OF AGRICULTURE

Chilling injury of cured and noncured Porto Rico sweetpotatoes. J. M. Lutz. Bureau of Plant Industry, Soils, and Agricultural Engineering. 8 p., illus. (Circular 729C.) Price 5¢.

To help operators of sweetpotato storage houses reduce or prevent chilling injury the experiments described in this circular were set up with Porto Rico sweetpotatoes under controlled conditions at Meridian, Miss.

Three introduced lovegrasses for soil conservation. Franklin J. Crider. Soil Conservation Service. 90 p., illus. (Circular 730C.) Price 20¢.

The information in this publication will be found helpful not only to technicians engaged in agricultural work but to farmers and ranchers. It is generally applicable to the southern half of the United States and to special conditions farther north.

Standard-density cotton-gin presses. Charles A. Bennett, J. E. Harmond, and Charles Shaw. Bureau of Plant Industry, Soils, and Agricultural Engineering, and Office of Marketing Services. 16 p., illus. (Circular 733C.) Price 5¢.

This publication is concerned with the engineering problems involved in producing higher density bales at cotton gins and the mechanical elements of cotton-gin press construction to meet bale packaging requirements.

Outbreak of vesicular stomatitis in swine and its differential diagnosis from vesicular exanthema and foot-and-mouth disease. H. W. Schoening and A. B. Crawford. Bureau of Animal Industry. 14 p., illus. (Circular 734C.) Price 5¢.

This circular reports an outbreak of vesicular stomatitis that occurred in a commercial biological establishment at Kansas City, Kans. As far as the authors are aware, this outbreak is the first in which the disease has been reported as occurring naturally in swine.

The deterioration of cotton fabric by certain micro-organisms. Dorothea E. Klemme, Glenn A. Greathouse, Katharina Bollenbacher, and Seth Pope. Bureau of Human Nutrition and Home Economics and Bureau of Plant Industry, Soils, and Agricultural Engineering. 11 p., illus. (Circular 737C.) Price 10¢.

The purpose of this study was to determine the adaptability of a number of micro-organisms to a pure-culture technique and to evaluate their ability to deteriorate cotton fabrics.

FARMERS' BULLETINS

Poison-ivy, poison-oak, and poison-sumac: Identification, precautions, eradication. Donald M. Crooks and Leonard W. Kephart. Bureau of Plant Industry, Soils, and Agricultural Engineering. 30 p., illus. (Farmers' Bulletin 1972F.) See page 1.

The dairy-herd-improvement association program. J. F. Kendrick. Bureau of Dairy Industry. 22 p., illus. (Farmers' Bulletin 1974F.)

Membership in a dairy-herd-improvement association is one of the best and most economical ways for any dairy farmer to obtain the necessary records. How a typical association operates and information on how to organize an association is given.

Farm buildings from home-grown timber in the South. W. K. Williams. Extension Service and Forest Service. 18 p., illus. (Farmers' Bulletin 1975F.) Price 10¢.

Although this bulletin does not give actual building plans it points the way for Southern farmers to utilize the forest products and labor resources available by equipping their farms with a comfortable home and other needed buildings.

MISCELLANEOUS PUBLICATIONS

List of sires proved in Dairy Herd Improvement Associations, 1945. Bureau of Dairy Industry. 176 p. (Miscellaneous Publication 563M.) Price 25¢. Free distribution restricted.

The title is self-explanatory.

Impact of the war on the financial structure of agriculture. Alvin S. Tostlebe, Donald C. Horton, Roy J. Burroughs, Harald C. Larsen, Lawrence A. Jones, and Albert R. Johnson, under the direction of Norman J. Wall. Bureau of Agricultural Economics. 199 p., illus. (Miscellaneous Publication 567M.) Price 35¢.

This is an attempt to measure the impact of World War II on the financial structure of agriculture in the United States. It was originally issued in processed form in September 1944. A brief summary was issued under the title "Wartime Changes in the Financial Structure of Agriculture," Miscellaneous Publication 558, February 1945.

Knitwear make-overs. Clarice L. Scott and Ann Hagood. Bureau of Human Nutrition and Home Economics. [16] p., illus. (Miscellaneous Publication 575M.) Price 10¢.

Here are special pointers for giving new life to old knitwear.

SERVICE AND REGULATORY MATERIAL

Service and regulatory announcements, July 1945. Bureau of Animal Industry.
Pp. 39-43. (S. R. A.-B. A. I. 459.) Price 5¢ a copy, 25¢ a year, domestic;
45¢ a year, foreign.¹

SOIL SURVEYS

Kentucky, Calloway County. (Series 1937, No. 15). 94 p., illus. Price 60¢.

Missouri, Linn County. (Reconnaissance). (Series 1938, No. 7). 28 p., illus.
Price 40¢.

OTHER PUBLICATIONS

Final report of the War Food Administrator, 1945. War Food Administration.
39 p. Price 10¢.

This is a report of the general activities of the War Food Administration.

Let's talk about farm leases and how they can be improved. Bureau of Agricultural Economics, in cooperation with the Extension Service. 8 p., illus. (DS-27.)

A discussion guide for farm groups.

What's your future? A guide for USDA employees' career development. Office of Personnel. 8 p., illus. (Administrative Series No. 5.) For U. S. Department of Agriculture employees only.

What to do when the veterans return to their jobs in the Department of Agriculture. Office of Personnel. [44] p., illus. (Administrative Series No. 4.) For U. S. Department of Agriculture employees only.

PERIODICALS

The agricultural situation. Vol. 29, No. 9. September 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture in the Americas. Vol. V, No. 9. September 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹

Bibliography of agriculture. Vol. 7, No. 3. September 1945. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.¹

Consumers' guide. Vol. XI, No. 9. September 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Extension service review. Vol. 16, No. 9. September 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

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Publication No.	Series	Title

Foreign agriculture. Vol. 9, No. 9. September 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.¹ Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates, 5¢, domestic; 8¢, foreign. The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau of station for its staff, cooperators, and for such other distribution as can be made.

— Vol. 71, No. 5. September 1, 1945. Illus. Contents:

Evaluating fleece quality of Navajo sheep from small samples (Key No. A-221). James O. Grandstaff and Cecil T. Blunn.

Mycosphaerella black rot of cucurbits (Key No. G-1333). James S. Wiant.

Embryology of the tung tree (Key No. G-1335). Lewis P. McCann.

— Vol. 71, No. 6. September 15, 1945. Illus. Contents:

Film formation and structure of some oil emulsions (Key No. Mich.-45). Irma M. Felber.

Differentiation of certain crucifer viruses by the use of temperature and host immunity reactions (Key No. Wis.-153). Glenn S. Pound and J. C. Walker.

Journal of agricultural research index to Volume 70, January 1-June 15, 1945. Price 5¢. For sale only.¹

Land policy review. Vol. VIII, No. 3. Fall 1945. Quarterly. Price 10¢ a copy, 30¢ a year.¹

News for farmer cooperatives. Vol. 12, No. 6. September 1945. Price 10¢ a copy, \$1.00 a year.¹

Rural electrification news. Vol. 11, No. 1. September 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Soil conservation. Vol. XI, No. 3. September 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

VETERANS AND THE LAND (16 mm., 35 mm., 2 reels, sound, black and white.)

To suggest to veterans some of the important considerations in determining whether or not to become farmers, how to decide whether they are suited to farm life, and some of the service available from the Government to assist them in their decision and in selecting, acquiring, and operating their farms.

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16- and 35-millimeter widths. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 69 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

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This list will be sent free upon request. If you already receive it and have changed your address show your old address as well as new when you request that our records be changed.

BULLETIN OF THE MONTH

"Conserving Soil and Moisture in Orchards and Vineyards." Farmers' Bulletin 1970.

This bulletin outlines practices by which fruit growers can take full advantage of site resources and prolong the productivity of their orchards and vineyards.

AGRICULTURAL INFORMATION SERIES

Grading soft red winter wheat at country points. Extension Service. Folder, illus. (AIS-33.)

To provide information to wheat growers and handlers as to purpose and procedure in grading soft red winter wheat as a basis for determining prices according to quality content.

CIRCULARS

The water requirement of alfalfa. Carl S. Scofield. Bureau of Plant Industry, Soils, and Agricultural Engineering. 11 p., illus. Circular 735C.) Price 5¢.

A report of a recently completed investigation showing the need for adequate irrigation of alfalfa to obtain maximum hay production.

FARMERS' BULLETINS

Conserving soil and moisture in orchards and vineyards. John T. Bregger and Grover F. Brown. Soil Conservation Service. 30 p., illus. (Farmers' Bulletin 1970F.) Price 10¢. See above.

Handling and storing of soft corn on the farm. C. K. Shedd. Bureau of Plant Industry, Soils, and Agricultural Engineering. 13 p., illus. (Farmers' Bulletin 1976F.) Price 5¢.

Gives points on reducing damage to corn in crib and storage.

MISCELLANEOUS PUBLICATIONS

The National Poultry Improvement Plan. Bureau of Animal Industry. 26 p., illus. (Miscellaneous Publication 300M., rev.) Price 10¢.

The objectives of the National Poultry Improvement Plan are to improve the breeding and production qualities of poultry and to reduce losses from pullorum disease.

*Compiled by Eleanor W. Clay, Office of Information.

Vitamin A in Butter. Bureau of Dairy Industry. 14 p., illus. (Miscellaneous Publication 571M.) Price 10¢.

A nation-wide survey to determine the importance of butter as a source of vitamin A in the diet of the people of the United States.

Price spreads between farmers and consumers for food products, 1913-44. Bureau of Agricultural Economics. 290 p., illus. (Miscellaneous Publication 576M.) Price 45¢.

This publication marks an important step forward in providing current information service to persons interested in the marketing of farm food products. The statistical measures furnished here should go a long way toward filling the demands for information relating to food-marketing charges expressed by various groups, including producers, consumers, and middlemen.

Breeding better vegetables for the South at the United States Regional Vegetable Breeding Laboratory. C. A. Magoon and others. 34 p., illus. Agricultural Research Administration. (Miscellaneous Publication 578M.) Price 10¢.

Covers the complete program, results obtained to date, and the continuing research of the U. S. Regional Vegetable Breeding Laboratory at Charleston, S. C.

SERVICE AND REGULATORY MATERIAL

Service and regulatory announcements, August 1945. Bureau of Animal Industry. Pp. 45-51. (S. R. A.-B. A. I. 460.) Price 5¢ a copy, 25¢ a year, domestic; 45¢ a year, foreign.¹

SOIL SURVEYS

California, Bakersfield Area. (Series 1937, No. 12). 113 p., illus. Price 60¢.

Virginia, Washington County. (Series 1937, No. 14.) 102 p., illus. Price 65¢.

TECHNICAL BULLETINS

Wages of agricultural labor in the United States. Louis J. Ducoff. Bureau of Agricultural Economics. 127 p., illus. (Technical Bulletin 895T.) Price 25¢.

This bulletin is a contribution toward an understanding of the problems of wages and labor in agriculture.

Biology of the tobacco hornworm in the southern cigar-tobacco district. A. H. Madden and F. S. Chamberlin. Bureau of Entomology and Plant Quarantine. 51 p., illus. (Technical Bulletin 896T.) Price 15¢.

The tobacco hornworm is one of the most common and destructive pests of tobacco and tomatoes in the United States and is particularly harmful when it attacks cigar-wrapper tobacco. This bulletin contains the complete results of investigations at Quincy, Fla. from 1936-41, inclusive. The main purpose of these investigations was to obtain information which might be of value in improving existing control measures against this pest.

Factors affecting curly top damage to sugar beets in southern Idaho. D. E. Fox, J. C. Chamberlin, and J. R. Douglass. Bureau of Entomology and Plant Quarantine. 29 p., illus. (Technical Bulletin 897T.) Price 10¢.

This bulletin summarizes the results of 8 years' studies (1930-37) of the factors which determine the source, magnitude, and time of dispersal of the beet leafhopper relative to curly top incidence and sugar-beet yields in south-central Idaho.

Relation of feed consumed to food products produced by fattening cattle. Aaron G. Nelson. Bureau of Agricultural Economics. 36 p., illus. (Technical Bulletin 900T.) Price 10¢.

This bulletin brings together results of research conducted in the Corn Belt on cattle fattening.

Reaction of small-grain varieties to green bug attack. I. M. Atkins and R. G. Dahms. Bureau of Plant Industry, Soils, and Agricultural Engineering and Bureau of Entomology and Plant Quarantine. 30 p., illus. (Technical Bulletin 901T.)

It is the purpose of this bulletin to record some of the factors responsible for the widespread serious infestation of the green bug in Texas and Oklahoma in 1942, and to bring to the attention of other workers the reactions to it of some varieties of small grain, especially the high resistance to attack observed in certain barley varieties, some of which may be useful in breeding desirable adapted varieties that are resistant.

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Some soil properties related to the sodium salt problem in irrigated soils.
Robert Gardner. Bureau of Plant Industry, Soils, and Agricultural Engineer-
ing. 28 p., illus. (Technical Bulletin 902T.)

An important contribution to our knowledge concerning factors involved in the
reclamation of saline soils.

Fattening good and common grade steers in southeastern Coastal Plains.
W. H. Black and B. L. Southwell. Bureau of Animal Industry and Georgia
Coastal Plain Experiment Station. 13 p., illus. (Technical Bulletin 904T.)
Price 5¢.

Includes results obtained at experiment stations in the southeastern Coastal Plain
Region where cattle have been fattened on locally produced feeds.

OTHER PUBLICATIONS

Livestock, meats, and wool market statistics and related data, 1944. Produc-
tion and Marketing Administration. [80] p. (CS-14.)

This edition, representing the twelfth of a series of statistical handbooks pertaining
to the livestock, meat, and wool industries, has been compiled for the use of producers,
distributors, and others who are interested in studying certain factors relating to these
industries.

PERIODICALS

The agricultural situation. Vol. 29, No. 10, October 1945. Price 5¢ a copy, 50¢
a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 4, No. 7. July 1945. Price of single copies varies
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Agriculture in the Americas. Vol. V, No. 10. October 1945. Price 10¢ a copy,
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75¢ a year, domestic; \$1.15 a year, foreign.¹

Foreign agriculture. Vol. 9, No. 10. October 1945. Price 10¢ a copy, \$1.00
a year, domestic; \$1.60 a year, foreign.¹

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington
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THE BEGINNING OF THIS LIST IF YOU CARE TO PURCHASE THEM.

Publica- tion No.	Series	Title

Journal of agricultural research. Price \$2.25 a year, domestic; \$3.00 a year, foreign.¹ Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates, 5¢, domestic; 8¢, foreign. The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

— Vol. 71, No. 7. October 1, 1945. Illus. Contents:

Measurements of the volatile production of apples (Key No. N. Y. (Cornell)-56.) Franklin Wallburg Southwick.

The removal of organic emanations from the atmosphere surrounding stored apples (Key No. N. Y. (Cornell)-57.) Franklin Wallburg Southwick.

A biochemical study of soil organic matter as related to brown root rot of tobacco (Key No. Md.-11.) E. D. Matthews.

— Vol. 71, No. 8. October 15, 1945. Illus. Contents:

Respiration of citrus fruits after harvest (Key No. G-1340.) M. H. Haller, Dean H. Rose, J. M. Lutz, and Paul L. Harding.

Retention of carotene in alfalfa stored in atmospheres of low oxygen content (Key No. E-97.) E. J. Hoffman, Funston G. Lum, and A. L. Pitman.

News for farmer cooperatives. Vol. 12, No. 7. October 1945. Price 10¢ a copy, \$1.00 a year.¹

Rural electrification news. Vol. 11, No. 2. October 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Soil conservation. Vol. XI, No. 4. October 1945. Price, 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

MOTION PICTURES

Pork on the Farm. (2 reels, 16 mm. and 35 mm., sound, running time 21 minutes.

Released 1940.) A well-filled smokehouse or cold-storage locker is insurance of a good home food supply. A brief introduction deals with the production of desirable hogs for home consumption. The technique of killing and dressing is well illustrated with emphasis on proper handling to avoid spoilage. Experts demonstrate cutting, curing, and the advantages of cold-storage service now available in many communities. A publication useful in carrying out the methods recommended in this film can be obtained from the Office of Information for audience distribution by organizations whose requests can be justified. Ask for Farmers' Bulletin 1186, *Pork on the farm: Killing, curing, and canning.*

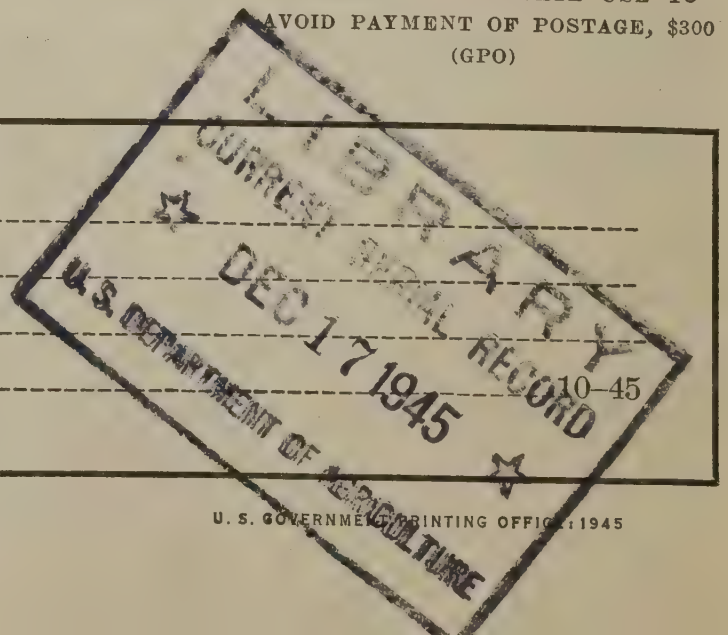
The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16 mm. and 35 mm. widths. Films in the 16 mm. size are available from State film libraries; 35 mm. films are available only from Motion Picture Service. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 70 cooperating film libraries in 47 of the States, and the Territories of Alaska and Puerto Rico. A list of these film depository libraries will be sent upon request to the Office of Information.

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BULLETIN OF THE MONTH

"Irrigated Pastures for Forage Production and Soil Conservation." Farmers' Bulletin 1973.

This bulletin tells what sorts of land are suited for irrigated pastures, what grasses and legumes have greatest value as pasture plants, and how the pastures should be established, irrigated, fertilized, and managed. The information it presents applies to 17 Western States.

CIRCULARS

The packaging of American cotton and methods for improvement. John W. Wright, Francis L. Gerdes, and Charles A. Bennett. Office of Marketing Services and Bureau of Plant Industry, Soils, and Agricultural Engineering. 62 p., illus. (Circular 736C.) Price 15¢.

The principal feature of this circular is the discussion of the packaging of cotton at gins in bales of standard density. The economic feasibility of this method of packaging and its effect on the marketing system for cotton and on the processing of the cotton by mills is covered in detail.

Functional requirements in designing laying houses for poultry. Wallace Ashby, T. A. H. Miller, George L. Edick, and A. R. Lee. Bureau of Plant Industry, Soils, and Agricultural Engineering and Bureau of Animal Industry. 16 p., illus. (Circular 738C.) Price 5¢.

The requirements stated are in terms of space to be provided or function to be performed. They do not specify the use of any particular material.

FARMERS' BULLETINS

Pea diseases and their control. L. L. Harter, W. J. Zaumeyer, and B. L. Wade. Bureau of Plant Industry, Soils, and Agricultural Engineering. 28 p., illus. (Farmers' Bulletin 1735F, rev.) Price 10¢.

In this revised bulletin the diseases and their causes are described briefly so that growers can recognize them and apply the recommendations for preventing or controlling them.

Irrigated pastures for forage production and soil conservation. J. G. Hamilton, Grover F. Brown, Harold E. Tower, and Wilkie Collins, Jr. Soil Conservation Service. 30 p., illus. (Farmers' Bulletin 1973F.) Price 10¢. See above.

*Compiled by Eleanor W. Clay, Office of Information.

MISCELLANEOUS PUBLICATIONS

Collecting data and specimens for study of economic plants. W. Andrew Archer. Office of Foreign Agricultural Relations. 52 p., illus. (Miscellaneous Publication 568M.) Price 15¢.

Persons engaged in field work, especially in foreign countries, have a unique opportunity to make valuable contributions to the scientific and practical knowledge of agricultural crops as well as wild-plant products. The purpose of this pamphlet is to instruct interested persons in proper methods of gathering, preparing, and shipping such specimens.

What peace can mean to American farmers: Expansion of foreign trade. Bureau of Agricultural Economics. 21 p. (Miscellaneous Publication 582M.) Price 10¢.

This is the third of a series of reports on "What Peace Can Mean to American Farmers." To continue the description of what peace can mean, this report undertakes to show the connection between international trade and the potentialities for raising the material level of living of people in our own country. It also suggests possible ways and means for expanding trade with other countries.

SERVICE AND REGULATORY MATERIAL

Service and regulatory announcements, September 1945. Bureau of Animal Industry. Pp. 53-56. (S. R. A.-B. A. I. 461.) Price 5¢ a copy, 25¢ a year, domestic; 45¢ a year, foreign.¹

TECHNICAL BULLETINS

Precooling California grapes and their refrigeration in transit. W. T. Pentzer, C. E. Asbury, and W. R. Barger. Bureau of Plant Industry, Soils, and Agricultural Engineering. 64 p., illus. (Technical Bulletin 899T.) Price 15¢.

The title is self-explanatory.

PERIODICALS

The agricultural situation. Vol. 29, No. 11, November 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Agriculture decisions. Vol. 4, No. 8, August 1945; Vol. 4, No. 9, September 1945. Price of single copies varies depending on size. \$2.00 a year.¹

Agriculture in the Americas. Vol. V, No. 11. November 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹

Bibliography of agriculture. Vol. 7, No. 5. November 1945. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.¹

Consumers' guide. Vol. XI, No. 11. November 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Crops and markets. Vol. 22, No. 4. October 1945. Quarterly. Price 10¢ a copy, 40¢ a year, domestic; 55¢ a year, foreign.¹

Experiment station record. Vol. 93, No. 4, October 1945; Vol. 93, No. 5, November 1945. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25. Foreign subscription per volume, \$2.00 a year. Single numbers 20¢ a copy.¹

Experiment station record. Vol. 91. Index number. Price 20¢ a copy.¹

Extension service review. Vol. 16, No. 11. November 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Foreign agriculture. Vol. 9, No. 11. November 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.¹

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¹ Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

The measurement of soil water (Key No. G-1337). Carl S. Scofield.
Inheritance of resistance to bunt (*Tilletia caries*) in hybrids with Turkey wheat selections
C. I. 10015 and 10016 (Key No. Calif.-138). Ali A. El Khishen and Fred N. Briggs.
The action of a repellent spray against the Mexican fruitfly (Key No. K-335). Donald F. Starr.

Cytoplasmically inherited male-sterility in sugar beets (Key No. G-1339). F. V. Owen.
Resistance in potato varieties to yellow dwarf (Key No. Wis.-154). R. H. Larson.
Systemic invasion of cabbage seedlings by the downy mildew fungus (Key No. Miss.-5).
F. J. LeBeau.
Transpiration responses of Persian walnuts and filberts sprayed with bordeaux mixture
(Key No. G-1338). P. W. Miller and C. E. Schuster.

Soil conservation. Vol. XI, No. 5. November 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

Publication No.	Series	Title

FSA farm ownership loans may cover the full purchase price of a family-type farm, plus the cost of necessary repairs or construction. Loans are made only for farms selling at a price in line with their long-time earning capacity values, and the top limit is \$12,000. Repayable in 40 years (or in a shorter period, if the borrower so chooses), the loans bear 3 percent interest on unpaid principal. In general, a veteran will need to show that he is unable to get satisfactory credit elsewhere or that he needs FSA on-farm advice to be eligible under this program.

Sixty-six War II veterans had received loans totaling \$337,000 by the end of June 1945. Previous to July 1, 1945, veterans were not given preference over other borrowers in obtaining such loans. Congress has earmarked half of the \$50,000,000 authorized for farm ownership loans for the 1945-46 fiscal year for War II veterans alone. This will enable about 4,000 veterans to buy farms from earmarked funds, and they are also eligible to receive loans from the regular FSA funds, which were not earmarked.

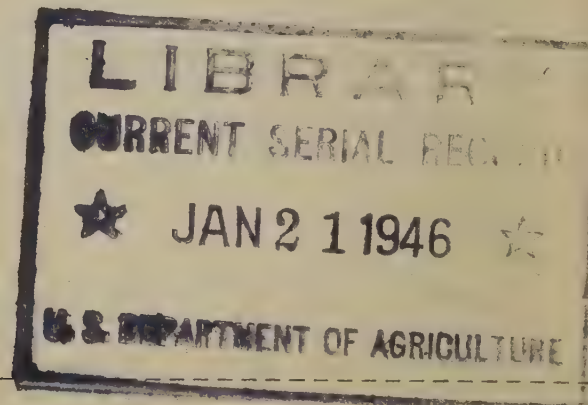
In Farm Security's rural rehabilitation program, loans are made for the purchase of farm and home operating equipment, such as feed, seed, fertilizer, livestock, farm machinery and equipment, and preliminary family living needs. Loans are repayable in 1 to 5 years, at 5-percent interest. One eligibility requirement is inability to get adequate credit from other sources on reasonable terms. No loan may exceed \$2,500.

More than 2,500 War II veterans received rehabilitation loans amounting to \$3,213,000 by June 30, 1945.

FSA county personnel, who are experienced in up-to-date agricultural practices, assist borrowers to plan and carry through their farm operations until they are firmly established.

In the 17 Western States, Farm Security also makes loans and provides technical aid for the development and use of water facilities for farming and farm-home purposes. The repayment period depends largely on the life of the facility installed. The maximum period is 20 years.

Veterans interested in obtaining an FSA loan are advised to locate a farm for rent or sale, and then to apply at the Farm Security county office in the county where they plan to settle. A committee of three local farmers passes on applications and approves loans. Further information on FSA services may be obtained from the county offices (generally located at the county seat), or by writing to the Farm Security Administration, U. S. Department of Agriculture, Washington 25, D. C.



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BULLETIN OF THE MONTH

"Better Health for Rural America." Miscellaneous Publication 573.

What are the health problems about which farm people are concerned? What has already been done to tackle these problems? What can farm people do now to solve them? This publication may be of assistance in answering these and related questions.

FARMERS' BULLETINS

Laying out fields for tractor plowing. C. D. Kinsman and L. A. Reynoldson. Bureau of Public Roads and Bureau of Agricultural Economics. 18 p., illus. (Farmers' Bulletin 1045F., rev.) Price 10¢.

This revised bulletin describes methods and plans for laying out fields for tractor plowing suited both to rectangular fields and to fields of irregular shape.

MISCELLANEOUS PUBLICATIONS

Tables of food composition in terms of 11 nutrients. Bureau of Human Nutrition and Home Economics and National Research Council. 30 p. (Miscellaneous Publication 572M.) Price 10¢.

Of primary interest to teachers, dietitians, nutritionists, and others engaged in planning diets or in calculating the nutritive value of food supplies.

Better health for rural America. Interbureau Committee on Post-War Programs. 34 p., illus. (Miscellaneous Publication 573M.) Price 20¢. See above.

Motion pictures of the United States Department of Agriculture, 1945. Motion Picture Service. 52 p., illus. (Miscellaneous Publication 574M.)

This descriptive list of motion pictures with related slidefilms is arranged by subject.

Domestic cotton surplus disposal programs. Edgar H. Omohundro, Nathan B. Salant, Maurice R. Cooper, and L. D. Howell. Production and Marketing Administration and Bureau of Agricultural Economics. 51 p. (Miscellaneous Publication 577M.) Price 10¢.

The programs covered by this publication were designed primarily to alleviate distress, to increase cotton consumption, and to reduce the surplus, rather than to have an immediate lifting effect on cotton prices.

Building with logs. Clyde F. Fickes and W. Ellis Groben. Forest Service. 56 p., illus. (Miscellaneous Publication 579M.) Price 15¢.

Gives instructions and plans for building cabins, log residences, and rustic furniture.

*Compiled by Eleanor W. Clay, Office of Information.



SERVICE AND REGULATORY MATERIAL

Service and regulatory announcements, October 1945. Bureau of Animal Industry. Pp. 57-61. (S. R. A. B. A. I. 462.) Price 5¢ a copy, 25¢ a year, domestic; 45¢ a year, foreign.¹

TECHNICAL BULLETINS

Susceptibility of certain strains of field corn in hybrid combinations to damage by corn earworms. F. F. Dicke and Merle T. Jenkins. Bureau of Entomology and Plant Quarantine and Bureau of Plant Industry, Soils, and Agricultural Engineering. 36 p., illus. (Technical Bulletin 898T.) Price 10¢.

During the period 1935 to 1942, damage by earworms was recorded in 20 experiments with field corn in the vicinity of Washington, D. C. The purpose of the investigation was to identify inbred strains that contribute factors for protection against damage by earworms.

Nutritive properties of pork protein and its supplemental value for bread proteins. Ralph Hoagland, N. R. Ellis, O. G. Hankins, and G. G. Snider. Bureau of Animal Industry. 12 p. (Technical Bulletin 906T.) Price 5¢.

The purpose of this research was to determine the digestibility and growth-promoting values of the protein in different dehydrated roasted cuts of fresh pork and the supplemental value of the protein for that in different kinds of bread.

OTHER PUBLICATIONS

Directory of the Meat Inspection Division, corrected to July 1, 1945. Production and Marketing Administration. 44 p. Price 10¢. For sale only.¹

Physical land conditions on the Edwardsville demonstration project, Madison County, Illinois. E. N. Steely. Soil Conservation Service. 39 p., illus. (PLS 26.) Price 35¢. Free distribution restricted.

The bulletin deals with only the Edwardsville demonstration area. The discussion of the classes and the suggested rotations and practices, however, apply also to the Shiloh-O'Fallon Soil Conservation District.

Report of the Librarian, 1945. Mildred Benton. Library. 7 p.

Selecting and financing a farm. Farm Credit Administration. 12 p. (F. C. A. Circular 14, rev.)²

Besides telling under what conditions loans can be obtained through Farm Credit facilities, this revised circular gives suggestions concerning the more important factors which prospective purchasers should consider.

PERIODICALS

Agriculture in the Americas. Vol. V, No. 12. December 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.¹

Bibliography of agriculture. Vol. 7, No. 6. December 1945. Price 40¢ a copy, \$4.50 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.¹

Consumers' guide. Vol. XI, No. 12. December 1945. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.¹

Experiment station record. Vol. 93, No. 6, December 1945. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25. Foreign subscription per volume, \$2.00. Single numbers 20¢ a copy.¹

Extension service review. Vol. 16, No. 12. December 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

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² Copies available from Farm Credit Administration, Kansas City 8, Missouri.

Vol. 71, No. 11. December 1, 1945. Illus. Contents:

Effect of air temperature on the concentration of certain viruses in cabbage (Key No. Wis.-155). Glenn S. Pound and J. C. Walker.

Physiological internal necrosis of potato tubers in Wisconsin (Key No. Wis.-156). R. H. Larson and A. R. Albert.

Urinary 17-ketosteroid excretion by boars (Key No. Minn.-125). W. W. Green and L. M. Winters.

Vol. 71, No. 12. December 15, 1945. Illus. Contents:

Influence of soil-moisture conditions on apparent photosynthesis and transpiration of pecan leaves (Key No. G-1336). A. J. Loustalot.

Interaction of sex, shape, and weight genes in watermelon (Key No. G-1342). Charles F. Poole and Paul C. Grimball.

Some factors affecting the insecticidal action of pyrethrum extracts on the beet leafhopper (Key No. K-336). F. H. Harries, J. D. DeCoursey, and R. N. Hofmaster.

Land policy review. Vol. VIII, No. 4. Winter 1945. Quarterly. Price 10¢ a copy; 30¢ a year.¹

New for farmer cooperatives. Vol. 12, No. 9. December 1945. Price 10¢ a copy, \$1.00 a year.¹

Rural electrification news. Vol. 11, No. 4. December 1945. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.¹

Soil Conservation. Vol. XI, No. 6. December 1945. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign.¹

MOTION PICTURES

HARVESTS FOR TOMORROW. (3 reels, 16 mm. and 35 mm., sound. Released 1941.) For generations the people on New England farms have known a satisfactory way of life, but continuous drawing of fertility from the soil has taken a heavy toll. This picture discloses the basic need for soil conservation and a sound pasture-improvement program. It shows the use of soil-building practices in the northeastern States, with emphasis on grass and legumes.

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